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ABSTRACT

Ph.D. productivity was evaluated, with attention to the educational background of male and female degree recipients, as well as differences in colleges identified as the most productive. There were 1,513 U.S. institutions with at least one graduate who earned a Ph.D. between 1961 and 1980. While women earned an increasingly large share of the Ph.D.s awarded, they continued to be concentrated in the humanities, social sciences, and education. The Ph.D.s earned by men were much more evenly spread across the major fields, with the largest proportion in the empirical sciences. Men earned a larger number of Ph.D.s than women, a larger proportion of men earning baccalaureate degrees went on to attain the Ph.D., and a greater number of undergraduate colleges had men graduates who earned a Ph.D. School size was an important factor in total Ph.D. production but several relatively small institutions were among the top 5% rankings for Ph.D. production for both men and women. Selectivity (as measured by average Scholastic Aptitude Test or American College Testing program scores) was related to productivity adjusted for size, but several colleges with lower average scores were among those highly ranked for Ph.D. productivity. Extensive statistical findings are included. (SW)

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Undergraduate Origins of Women and Men Who Received Ph.D.'s, 1961-1980

Carol H. Fuller

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METHODOLOGY

The total numbers of Ph.D.'s awarded to the graduates of each institution were obtained from the National Academy of Sciences. The groupings of disciplines are those used by the National Academy of Sciences in organizing Ph.D. data. The field of Humanities includes History, English and American Language and Literature, Foreign Language and Literature, and Other Humanities. Empirical Sciences includes Physics, Astronomy, Chemistry, Earth Sciences, Mathematics, Chemical Engineering and Engineering. Life Sciences include Biochemistry, Basic Medical Sciences, Other Biosciences, Medical Sciences, and Agricultural Sciences. Social Science includes Psychology, Economics, Anthropology and Sociology, Political Science, and Other Social Science. Total Science Ph.D.'s were the sum of those included in Empirical Sciences, Life Sciences, and Social Sciences. All Fields included Professional Fields, Education, and Other Unspecified Fields, as well as Total Sciences and Humanities degrees.

The average numbers of Ph.D.'s conferred per year (1961-1980) were computed to make the Ph.D. figures more comparable for institutions which awarded their first baccalaureate to men and/or women at different times. The average baccalaureate-Ph.D. lapse is ten years (Harmon, 1978). Individuals receiving their baccalaureate degrees in 1971, or later, would not, on average, have completed a Ph.D. by 1980. Therefore, institutions awarding their first baccalaureates to men/women in 1971 or later were not included in the productivity calculations for men/women. For those institutions awarding their first baccalaureate to men and/or women between 1951 and 1970, the number of years over which the Ph.D. totals were averaged was computed by subtracting the date of first-baccalaureate from 1971. The number of years used for the Ph.D. average was 20 for those institutions which awarded their first baccalaureate to men/women prior to 1952.

The measure of institutional size used was the average number of baccalaureates awarded by each institution to men/women between 1956 and 1976, as reported by the National Center for Educational Statistics. (Where necessary, the data for 1956-1960 were adjusted to take account of first professional degrees included in some of the baccalaureate totals reported by NCES during those years.)

The baccalaureate averages for each institution were based on the number of years for which NCES reported bachelor's degrees for men or for women.

The productivity ratios were computed by dividing the average number of Ph.D.'s earned per year (1961-1980) by the average number of Bachelor's degrees conferred (1956-1976).

In comparisons of Ph.D. data for men and women, it is helpful to identify those institutions which have awarded baccalaureates only to men or to women. Many institutions which were single-sex have become coeducational. For the purposes of these analyses, institutions were classified as coeducational, men's, women's, or coordinate, according to their status in 1966 (as reported in the 10th edition of American Universities and Colleges, 1968). (A few universities with coordinate colleges do not appear in that group because the baccalaureate and/or Ph.D. data were not published separately for the coordinate colleges.) On the basis of their status as reported in 1966, 160 institutions were classified as women's colleges or coordinates, and 100 as men's colleges or coordinates.

In ranking various groups of "leading" institutions, those with the same values are listed in alphabetical order. For institutions with more than one campus, those named refer to the main campus only, unless otherwise noted. (The manner in which the baccalaureate data were published made it necessary to merge all data for the campuses of Rutgers University and for the divisions of Columbia University except for Barnard.)

DISTRIBUTIONS

There were 1513 U.S. institutions with at least one graduate who earned a Ph.D. between 1961 and 1980.

Tables 1 and 2 show the frequency distributions for men and women for the total numbers of Ph.D.'s awarded between 1961 and 1980 to graduates of the 1513 institutions for all-fields, humanities, and the empirical, life, and social sciences. (The extreme positive skew of these distributions made it necessary to summarize these data with intervals of increasing size.)

Women earned 20% of the total number of Ph.D.'s awarded during this period. This is consistent with the trend described by Hanson (1978): the percentage of Ph.D.'s earned by women increased from 8.8 in 1900-1904 to 15.4 in 1925-1929, decreased to 9.4 in 1950-1954, and has increased since then to 12.4 in 1965-1969, and to 20.5% in 1974. Women are earning an increasingly large share of the Ph.D.'s awarded (45% of those awarded in the humanities, and 44% of those in the social sciences in 1984). In 1984, women earned 38% of all the Ph.D.'s awarded to graduates of U.S. institutions (data supplied by the National Research Council, 1985).

The variation in the proportion of total Ph.D.'s earned by women over the different Ph.D. fields is shown in Table 1. The lowest proportion in 1961-1980 was 5% in the empirical sciences, and the highest was 28% in the humanities. Among the Ph.D.'s

earned by women, the pattern is constant: approximately 20% are in the humanities, 20% in the social sciences, 15% in the life sciences, and only 6% in the empirical sciences; 33% are in education. In contrast, over 25% of the Ph.D.'s earned by men are in the empirical sciences, and less than 15% are in the humanities (with about 20% each in the life and social sciences and in education).

In addition to the greater number of Ph.D.'s awarded to men, the men were graduates of a greater number of institutions. Again, the contrast varies across the Ph.D. fields: more than half of the institutions had no women graduates who obtained a Ph.D. in empirical science; two-thirds had at least one woman graduate who obtained a Ph.D. in the humanities. Approximately one-third of the baccalaureate institutions had no men graduates obtaining a degree in empirical science, and three-fourths had at least one man graduate who obtained a Ph.D. in the humanities.

Comparisons of the baccalaureate origins of men and women earning Ph.D.'s must take into account both the lower number of women obtaining Ph.D.'s and the smaller number of baccalaureate institutions from which those women graduated.

Tables 3 and 4 show the frequency distributions for the ratios computed for men and for women for all-fields, humanities, and the empirical, social, and life sciences. (Again, the extreme positive skew of the distributions made it necessary to summarize these data with intervals of increasing size.)

Of the 1513 institutions whose graduates earned at least one Ph.D. between 1961 and 1980, 1304 awarded their first baccalaureate to men prior to 1971; 1328 awarded their first baccalaureate to women prior to 1971.

The distributions of the ratios for men have a greater range, with higher median values for each of the Ph.D. fields. Thus, rankings of institutions for women are based on a smaller range of ratios than those for men, and involve a smaller number of institutions with values greater than zero.

PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE

The leading institutions (top 5%) were identified for men and for women both for total numbers of Ph.D.'s and for ratios--which adjust those totals to take account of differences in institutional size. The institutions were ranked for all-fields, humanities, empirical, life, and social science, and for the three science fields combined. The leading institutions for the all-fields ratio were also identified for the women's colleges and the men's institutions. The all-fields composite data were

combined for men and women to identify the leading institutions for the combined ratio. These data are presented in Tables 11-25 and 26-37.

The appendix identifies for each institution the list(s) on which that institution appears and whether it was classified as single-sex, coeducational, or coordinate in 1966.

(Seminaries were excluded from these listings. To avoid spuriously high ratios, institutions were excluded from all rankings on ratios if the institution granted its first baccalaureate to men/women after 1967. These exclusions left approximately 1200 institutions for ranking the ratios for men and for women, and approximately 1300 for the combined analysis. In addition, for the list for each field, institutions were not included if they had fewer than 6 Ph.D.'s for that field and an average of fewer than 15 graduates; or, if they had fewer than 6 Ph.D.'s for that field and granted their first baccalaureate to men/women since 1964.)

Even with these exclusions, several institutions are included in the tables reporting ratios (productivity adjusted for institutional size) for which the number of Ph.D.'s earned is quite small, or for which only a few years are included in the number of years used in calculation of the Ph.D. average. To help place the ratios in perspective, those tables also include the total number of Ph.D.'s reported, as well as the number of years used to calculate the Ph.D. average.

Each of the six lists include approximately 60 institutions for each of the science fields, the science fields combined, the humanities and the all-fields composite. For the women these six lists together included 129 institutions, of which 28 were classified as women's colleges (and three of which were classified, as of 1966, as men's institutions: Illinois Benedictine, Johns Hopkins, and Texas A & M). The six lists for leading institutions for ratios for men included 146 institutions, of which 24 were classified as men's colleges. 72 institutions appear on at least one top list for ratios both for men and for women. These 12 lists together include 203 institutions, of which 53 were classified as single-sex institutions.

Several institutions appear on the lists of leading institutions for all-science or for all-fields (or both) due to their high ratio for only one field. Therefore, the leading institutions across the science fields were identified as those appearing on all three of the science lists. These institutions are listed in Table 6 for women and Table 7 for men. Table 5 includes those institutions which appear in both Table 6 and Table 7. This list includes seven liberal arts colleges--Carleton, Eckerd, Oberlin, Pomona, Reed, Swarthmore, and Wooster

--and four universities--California at San Diego, Chicago, Harvard-Radcliffe, and SUNY Stony Brook.

Those institutions ranked highly across all of the fields were identified as those which appeared on all three of the science lists and also on the humanities list. These institutions are presented in Table 9 for women and Table 10 for men. Table 8 includes those institutions ranked among the top 5% on every field both for men and for women. (Reed, Swarthmore, Chicago, and Harvard-Radcliffe were listed also by Knapp and Greenbaum as ranking highly both for men and for women achieving graduate level awards in the sciences and in the humanities between 1946 and 1951.)

INSTITUTIONAL TYPES

It is beyond the scope of these analyses to determine the relative importance of the factors leading to high Ph.D. productivity. However, certain institutional characteristics have been suggested as being particularly relevant, such as size, private or public control, coeducational status, cost, student-faculty ratio, and geographic location.

These analyses did not include classification by institutional type as reported by Tidball and by Coyle. However, the institutions ranked highly across the three science fields (Tables 5, 6, and 7) and across the humanities and the three sciences fields (Tables 8, 9 and 10) include institutions from each of the categories of public-independent, colleges-universities, coeducational-single sex, small-large. They range from New College with an average graduating class of approximately 100 and Haverford with an average graduating class of 125, to the University of California at Berkeley which awarded an average of approximately 4300 baccalaureate degrees each year (1956-1976).

Tidball (1986) compared eight types of institutions and concluded that women's colleges were "the most productive of all institutional categories" for women (p. 614). In the analysis of data for women's colleges (Table 17), the average values were found to be higher than those for coeducational institutions for each field and for all-fields. However, the women's colleges are, as a group, relatively highly selective, small, and almost entirely independent colleges. A group of comparably selective, small, independent, coeducational colleges could be equally productive of women Ph.D.'s. This study did not attempt to identify comparable groups of women's and coeducational institutions; however, inspection of the women's productivity tables shows a mixture of coeducational and women's institutions among the most productive.

There is another problem in interpreting analyses of groups of institutions. As first described by Knapp and Greenbaum (1953), distributions of Ph.D. ratios are markedly skewed, severely limiting the statistical analyses which can be meaningfully employed. This is especially relevant when comparing women's colleges to any other group. The colleges included in the "seven sisters" head the list, along with Brown-Pembroke, with such high values that they affect the mean value for the entire group. To illustrate: the mean values for the 160 women's colleges for the all-fields ratio is 2.9; the median (which is less affected by the skew) is 1.7. Similarly, the leading men's colleges have a marked effect on the mean value of the all fields ratio for the men's institutions: the mean is 7.0; the median, 4.9. For all of the approximately 1300 colleges and universities included in these analyses, the mean value for the all fields ratio was 5.0 for men and 1.6 for women. The median values were 3.6 for men and 1.0 for women. Any comparison of average values must take into account the lack of normality of these distributions. Statistics should be limited to those appropriate to distributions with these characteristics.

Comparing types of institutions ranked highly for men and those ranked highly for women across all the sciences and humanities (Tables 8, 9, and 10) reveals one clear distinction. There are 11 universities (2 public) among the 25 most highly productive institutions for women for humanities, and empirical, life, and social science. Of the remaining 14 colleges, 7 are women's colleges and 7 are coeducational. Of the 17 institutions identified as the top 5% for men in all three science fields and humanities, only two were universities (both independent), 3 are men's colleges, and 12 are coeducational colleges. Thus, while almost three-fourths of the list for men are relatively small, undergraduate, coeducational institutions, this category accounts for fewer than one-third of the institutions on this list for women. This difference in the types of institutions ranked highly for men and for women is consistent with the results reported by Tidball and Kistiakowsky (1976), Tidball (1986), and earlier by Knapp and Greenbaum (1953).

Tidball has suggested that the differences in her methodology and that used in this study (and others) make the results not comparable. However, the institutions which she identified as highly productive for Ph.D.'s for women in the empirical and life sciences are included in the present study among the leading institutions for empirical and/or life sciences (Table 12 and 13), with the exception of Wells (ranked 67th in life science and 65th in empirical science in the current study) and others excluded for the reasons cited above.

There is some evidence that a few of the formerly men's institutions, with high ratios for men (such as Caltech, Dartmouth, Franklin and Marshall, Hamilton, Princeton, Wesleyan,

Williams, and Yale), which became coeducational too late for the data for their women graduates to be included in this study, are also among the most productive institutions for women. Further research, using more recent Ph.D. and baccalaureate data, would be able to confirm this.

INTERPRETATION

Several attempts have been made to determine why certain institutions or types of institutions have been relatively more productive of Ph.D.'s than others.

Knapp and Goodrich suggested that the higher productivity of the small liberal arts colleges was a function of the "vocational inclinations of students attracted to smaller institutions," (p. 291). Similarly, they attributed the low rate for men's colleges to the "disinclination of their student clientele to pursue scientific careers," (p. 294). They noted the importance of the intellectual ability of the students, but asserted that the cultural background ("attributes of character") of the students was of greater importance. Overall, however, they concluded "the importance of the human qualities of the individual teacher stands as a foremost factor in influencing the student to the pursuit of science," (p. 296).

A series of studies have been conducted to evaluate differences in productivity as a function of student "input" variables versus institutional effects.

Thistlethwaite (1959) calculated productivity rates for Ph.D.'s earned in 1950-1956 adjusted both for the size of the baccalaureate institution and for the colleges' "supply of talent" which was defined as the percentage of the freshman class who were National Merit Scholarship finalists. Of the institutional characteristics evaluated, coeducation was found to be the one "most closely related to productivity." Certain faculty behaviors were found to be important in "stimulating or inhibiting intellectual achievement," (p. 76).

Holland (1957) concluded from his investigation of the college choices of National Merit Scholarship finalists (in 1955 and 1956) that "differential student populations among colleges appear as a more probable explanation of differences in productivity than the special qualities of individual institutions." Astin (1962) reached a similar conclusion from his analysis of the Ph.D.'s received in 1957-1959 by the graduates of 265 colleges and universities. He used major field, intelligence and sex as "input" variables in "predicting" Ph.D. productivity. The eastern men's colleges were found to be significantly "underproductive," and public institutions, as a group, were found to be significantly "overproductive." Astin suggested that other, uncontrolled input variables were

responsible for these unpredicted outcomes. He concluded that "colleges do not differ appreciably in the extent to which they stimulate their students to seek higher academic achievement or inhibit them from seeking such attainment" (p. 134).

Astin suggested, however, that within an institution, the individual experiences of particular students probably have an effect in encouraging or inhibiting the student from attaining a Ph.D.

The real issue, then, appears to be whether certain institutions are more likely to provide these motivating or inhibiting experiences. If an institution attracts a relatively large number of capable students with appropriate "vocational inclinations" and exposes them to these motivating experiences--or at least does not expose them to inhibiting experiences--then that institution would be most likely to have larger numbers of its graduates attain a Ph.D. It is, of course, not possible to argue that because an institution's graduates achieve Ph.D.'s at a high rate, the characteristics of that institution caused this achievement. However, those characteristics clearly did not deter Ph.D. attainment.

Tidball found a strong relationship between the productivity rate for women and the number of women among the faculty of the baccalaureate institutions. She concluded that "elements of the academic environment not only affect student outcomes but affect women and men differently," (p. 618).

The current study has identified those institutions which have relatively high proportions of their graduates attaining a Ph.D. between 1961-1980. It is not possible to determine to what extent the undergraduate experiences of these graduates affected their achievement. Clearly these colleges and universities attract students with the necessary aptitude and motivation for academic success. (It is important to note that these "input" characteristics are also relevant to many achievements other than Ph.D.'s.)

Astin (1985) reviewed several ratings of undergraduate institutions and identified selectivity as a critical determinant. The effect of this input variable was evaluated for the institutions identified as highly productive.

In the 1969 edition of Colleges at Your Fingertips, undergraduate institutions were classified into five categories based on average scores earned by entering students on the Scholastic Aptitude Test (or the equivalent score on the ACT): composite SAT's higher than 1250; between 1150 and 1250; between 1050 and 1150; between 950 and 1050; and below 950.

Of those listed in the top SAT category, only one was not included in the top 5% for Ph.D. productivity for any field (and that institution was ranked 61st on the humanities ratio for men). Ten technical institutions were listed in the top category for their average math SAT scores--of these, only one was not included in the top 5% for empirical science ratios for men.

The average SAT/ACT score for each of the institutions in the top 5% for the all-fields ratio for men and for women (Tables 16 and 23) was determined from the 1969 edition of Colleges at Your Fingertips or the 10th edition of American Universities and Colleges. No SAT/ACT information was available for two institutions on the list for men, and for four on the women's list. Of the remaining 60 on the list for men, 30 were in the highest SAT category and 21 were in the second category. There were 5 in the third category--University of California at San Diego, University of California at Riverside, Rhodes, Millsaps, and Cornell Colleges. There were four in the fourth category--Bethel [Kansas], Goshen, Hope, and Berea. On the list for the all-fields ratio for women, 31 institutions were in the highest SAT category, and 20 were in the second SAT category. There were three in the third category for women--Hunter, New Mexico Institute of Mining, and the University of California at San Diego. Two were in the fourth category--Park [Missouri] and Birmingham-Southern. One college--Fisk--was in the lowest category. Selectivity (as measured by the SAT) clearly is an important factor, but not the only factor determining high Ph.D. productivity.

TOTAL PH.D. PRODUCTION

The primary purpose of this study is to evaluate Ph.D. productivity adjusted for institutional size. However, it is interesting to compare the lists of highly productive institutions for total Ph.D. production and those highly productive for Ph.D.'s relative to size. Since it is clear that relatively few institutions have significant numbers of women graduates who received Ph.D.'s between 1961-1980, it is useful to look at the leading institutions for total Ph.D. production for women.

The institutions in the top 5% for Ph.D. totals in the sciences, or humanities, or all-fields, Tables 26-37, include 93 institutions for women and 115 for men. These groups of institutions account for approximately 50% of the Ph.D.'s in each of the fields and in all-fields, except for empirical science for men--these 115 institutions accounted for 64% of the men's Ph.D.'s in this field, and social science for women--these 93 institutions accounted for 61% of the women's Ph.D.'s in this field.

Obviously an important variable in predicting high Ph.D. totals is institutional size. Many of the highly ranked institutions are among those with the largest average number of bachelor's degrees awarded. However, both for men and for women, there is a large range in average size among the institutions included among the most highly ranked for total Ph.D.'s. Both for men and for women, the largest was Michigan State, with an average of 5133 bachelor's degrees awarded. The median graduating class size of the 115 institutions ranked highly for Ph.D. totals for men was 1731, the 25th percentile was 969 and the smallest were Cooper Union with 164 and Caltech with 153. The median size for the group of institutions ranked highly for Ph.D. totals for women was 1535, the 25th percentile was 442, and the smallest institution was Notre Dame College (Ohio) with an average of 83 Bachelor's degrees. It is interesting to note that the women's lists for Ph.D. totals not only include some relatively small institutions, but also two relatively new institutions--Brandeis and Stony Brook.

The 93 institutions which appear on at least one list for Ph.D. totals for women include 16 women's colleges. The 115 institutions which appear on at least one list for Ph.D. totals for men include 14 men's colleges. There are 60 institutions which were highly ranked for Ph.D. totals for men and also for women. Thus, approximately one-half (60 of 118) of the coeducational or coordinate institutions ranked highly for men or for women for Ph.D. totals were ranked highly both for men and women.

This finding is comparable to that described above for the ratios--approximately one-half (72 of 150) of the coeducational or coordinate institutions ranked highly for men or for women were ranked highly both for men and for women.

Combining these data for ratios and for totals reveals 42 institutions ranked highly on at least one list for men for both ratios and for totals (including 10 men's colleges) (Table 40). There were 51 institutions ranked highly on at least one list for women both for ratios and totals (including 15 women's colleges) (Table 39). There were 18 (36% of the coeducational institutions) which were ranked highly both for men and women on both ratios and totals (Table 38).

Comparing this list with the list of institutions ranked highly for ratios for all three science fields and the humanities (Table 8) reveals four institutions highly ranked over-all for ratios for men and women which were also highly ranked in at least one field for men and for women for total Ph.D. productivity: Chicago, Harvard-Radcliffe, Oberlin, and Swarthmore. Of these four, Chicago and Harvard-Radcliffe were ranked highly over-all both for ratios and for total numbers--they appear on <u>every</u> list. Among the men's colleges, Amherst was

ranked highly over-all for ratios and ranked highly for total Ph.D.'s in humanities. There are six women's colleges which are ranked highly for total Ph.D.'s in at least one field and ranked highly for ratios in the humanities and all three science fields: Barnard, Bryn Mawr, Mount Holyoke, Smith, Vassar, and Wellesley. All six were ranked among the top 5% for total Ph.D.'s in all three science fields and the humanities.

SUMMARY

The pattern of Ph.D.'s earned by women continues to be different than that for men. While women are earning an increasingly large share of the Ph.D.'s awarded, they continue to be concentrated in the humanities, social sciences, and education. The distribution among institutions of baccalaureate origin seems to be changing, however, as formerly all-male institutions which were highly productive for men now also send large percentages of their women graduates on to earn Ph.D.'s. The Ph.D.'s earned by men are much more evenly spread across the major fields, with the largest proportion in the empirical sciences.

Men earn a larger number of Ph.D.'s than women, a larger proportion of men earning baccalaureates go on to attain the Ph.D., and a greater number of undergraduate colleges and universities have men graduates who earn a Ph.D. Rates of productivity (adjusted for institutional size) have a greater range and a higher average value for men than for women. Compilations of all of the separate lists of leading institutions for each of the fields include smaller numbers of institutions for the women's lists than for the men's lists.

There were differences in the particular institutions identified as the most highly productive (for ratios, totals, or both) for men and for women. Part of this difference was due, as expected, to the single-sex institutions. Certain coeducational institutions were found to be ranked highly for graduates of one sex but not the other. The large universities continue to be more significant for rates adjusted for size for women than for men. Approximately half of the coeducational institutions appearing on the top list for at least one field for either men or women were on a top list both for men and for women (this was true for the analysis of ratios and of totals). A few institutions were identified as highly productive for both men and for women, and also for every major field that was included in these analyses.

Institutional size is an important factor in total Ph.D. production but several relatively small institutions were included among the top 5% rankings both for men and for women.

Selectivity (as measured by average SAT or ACT scores) was demonstrated to be related to productivity adjusted for size, but several institutions with lower average scores were among those highly ranked for Ph.D. productivity.

This study was not designed to evaluate the many institutional characteristics that have been suggested to be related to variation in Ph.D. productivity. However, it was noted that the institutions ranked as the most highly productive include representatives from each of the "types" that have been found to be more or less productive in other analyses.

What inferences can be made? At one level of interpretation, it may not be important to assess the reasons for variation among colleges and universities in Ph.D. productivity. This study identifies the institutions for which significant numbers or proportions (or both) of their graduates attain Ph.D.'s. The reasons would need to be identified, however, if it were deemed important to attempt to change the number or the pattern of Ph.D.'s earned.

Clearly, there are significant "input" variables, and undergraduate experiences can be expected to be important in encouraging or inhibiting future academic achievement. It seems likely that certain undergraduate colleges and universities would be more or less likely to provide these particular experiences. If, as has been suggested, the most relevant experiences are due to interactions with certain teachers, then broad institutional characteristics will be found to correlate with productivity measures only to the extent that those teachers and those interactions are more likely to be found at certain "types" of institutions.

There do seem to be important differences in the patterns of baccalaureate origins for women who earn Ph.D.'s than for men who do so. There is greater diversity in the types of institutions that send large numbers and/or percentages of their women graduates on to earn Ph.D.'s, with the most selective women's colleges, particularly the "seven sisters," continuing to play an important role. However, some of the coeducational institutions, --a few major research universities and several liberal arts colleges--are remarkable for their consistency: across fields, and for both men and for women.

TABLE 1

FREQUENCY DISTRIBUTION
TOTAL NUMBERS OF PH.D.'S, 1961-1980, FOR EACH INSTITUTION
BY WOMEN GRADUATES

Total Numbers of Ph.D.'s	All Fields	Humanities	All Science	Empirical Science	Life Science	Social Science
0	226	503	385	777 M	568	547
1-9	405	646 M	622 M	605	680 M	658 M
10-19	218 M	158	190	79	125	119
20-29	116	75	85	18	51	50
30-39	119	31	43	10	29	28
40-49	61	21	32	10	10	22
50-99	180	45	77	13	36	47
100-199	93	21	42	1	12	27
200-299	40	7	16		2	10
300-399	15	6	11			4
400-499	7		5			1
500-999	27		5			
1000-1999	6					
2000-2999						
3000-3999						
4000-4999						
5000-5999						
U.S. Totals 1961-1980	83,762	18,309	34,370	4,899	11,052	18,419
% of Total	20%	28%	14%	5%	17%	24%

NOTE: M indicates median

TABLE 2

FREQUENCY DISTRIBUTION
TOTAL NUMBERS OF PH.D.'S, 1961-1980, FOR EACH INSTITUTION
BY MEN GRADUATES

Total Numbers of Ph.D.'s	All Fields	Humanities	All Science	Empirical Science	Life Science	Social Science
0	127	382	256	466	450	355
1-9	325	480 M	349	360 M	397 M	506 M
10-19	88	202	120 M	147	193	160
20-29	77	113	97	90	115	118
30-39	69	59	61	79	76	62
40-49	38 M	45	67	40	50	38
50-99	181	117	176	114	114	118
100-199	213	67	149	87	60	86
200-299	116	21	59	49	24	34
300-399	64	14	42	21	13	13
400-499	35	5	29	11	6	7
500-999	96	7	66	35	15	13
1000-1999	58	1	29	12		3
2000-2999	13		9	1		
3000-3999	7		2	1		
4000-4999	5		2			
5000-5999	1					
U.S. Totals 1961-1980	344,570	46,537	212,513	100,231	52,371	59,911

NOTE: M indicates median

TABLE 3

FREQUENCY DISTRIBUTION
RATIOS FOR PH.D.'S, 1961-1980, FOR EACH INSTITUTION
FOR WOMEN GRADUATES

Ratio	All Fields	Humanities	Empirical Science	Life Science	Social Science	All Science
NA	185					
0.0	113	416	792	519	476	270
0.1-0.4	166	645	481	657	629	562
0.5-0.9	337	179	28	106	136	274
1.0-1.4	264	|	|	|	|	102
1.5-1.9	175	|	|	|	|	40
2.0-2.4	91	88	27	46	87	|
2.5-2.9	44	|	|	|	|	80
3.0-3.4	35	|	|	|	|	|
3.5-3.9	28	|	|	|	|	|
4.0-30.3	75	[7.3]	[21.2]	[4.9]	[6.6]	[27.3]
Median	1.0	0.1	0.0	0.1	0.1	0.3
75th percentile	1.7	0.4	0.1	0.3	0.3	0.7

TABLE 4

FREQUENCY DISTRIBUTION
RATIOS FOR PH.D.'S, 1961-1980, FOR EACH INSTITUTION
FOR MEN GRADUATES

Ratio	All Fields	Humanities	Empirical Science	Life Science	Social Science	All Science
NA	209					
0.0	41	245	290	291	213	125
0.1-0.4	46	465	335	426	420	124
0.5-0.9	68	253	258	327	335	200
1.0-1.4	47	144	161	139	151	179
1.5-1.9	90	73	101	57	77	145
2.0-2.4	99	42	37	22	37	103
2.5-2.9	108	20	34	15	24	86
3.0-3.4	132	|	|	|	|	75
3.5-3.9	94	|	|	|	|	60
4.0-4.4	85	|	|	|	|	28
4.5-4.9	77	|	|	|	|	26
5.0-5.4	60	62	|	26	|	30
5.5-5.9	57	|	|	|	|	19
6.0-6.4	41	|	|	|	47	19
6.5-6.9	33	|	|	|	|	7
7.0-7.4	33	|	88	|	|	|
7.5-7.9	27		|		|	|
8.0-8.4	17		|		|	|
8.5-8.9	14		|		|	|
9.0-9.4	22		|			78
9.5-9.9	8		|			|
10.0-10.4	12		|			|
10.5-10.9	7		|			|
11.0-46.8	86		[39.5]			[46.6]
Median	3.6	0.4	0.5	0.4	0.5	1.5
75th percentile	5.7	1.0	1.2	0.8	1.0	3.0

TABLE 5

TOP 5% IN EMPIRICAL, LIFE, AND SOCIAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
MEN AND WOMEN

INSTITUTION
U. OF CALIFORNIA-SAN DIEGO
CARLETON C. MN
U. OF CHICAGO IL
ECKERD C. FL
HARVARD-RADCLIFFE MA
OBERLIN C. OH
POMONA C. CA
REED C. OR
SUNY: U. AT STONY BROOK
SWARTHMORE C. PA
C. OF WOOSTER OH

TABLE 6

TOP 5% IN EMPIRICAL, LIFE, AND SOCIAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

INSTITUTION	WOMEN EMPIRICAL SCIENCE RATIO	WOMEN LIFE SCIENCE RATIO	WOMEN SOCIAL SCIENCE RATIO	COED STATUS 1966
BARNARD C. NY	0.9	1.4	4.0	W/COORD
BRANDEIS U. MA	0.4	1.3	2.9	
BROWN-PEMBROKE RI	0.6	1.2	2.4	M/W COORD
BRYN MAWR C. PA	1.8	2.4	2.9	WOMEN
BUCKNELL U. PA	0.5	0.8	1.2	
U. OF CALIFORNIA-SAN DIEGO	1.8	3.0	1.3	
U. OF CALIFORNIA-SANTA CRUZ	0.5	1.8	1.8	
CARLETON C. MN	1.0	1.3	2.4	
CASE WESTERN RESERVE U. OH	0.4	0.7	1.5	
CATHOLIC U. OF AMERICA DC	0.4	0.8	1.1	
U. OF CHICAGO IL	1.5	2.6	6.4	
CORNELL U. NY	0.6	1.7	2.0	
ECKERD C. FL	0.4	1.7	1.9	
GOUCHER C. MD	0.4	1.0	1.5	WOMEN
HARVARD-RADCLIFFE MA	1.1	1.8	4.8	M/W COORD
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	9.3	4.6	1.2	
MOUNT HOLYOKE C. MA	0.9	1.4	1.8	WOMEN
OBERLIN C. OH	0.7	1.2	3.1	
POMONA C. CA	0.6	2.3	2.7	
REED C. OR	2.3	3.0	5.7	
RICE U. TX	2.0	2.0	1.6	

TOP 5% IN EMPIRICAL, LIFE, AND SOCIAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

INSTITUTION	WOMEN EMPIRICAL SCIENCE RATIO	WOMEN LIFE SCIENCE RATIO	WOMEN SOCIAL SCIENCE RATIO	COED STATUS 1966
U. OF ROCHESTER NY	0.6	0.9	1.6	
SMITH C. MA	0.4	0.9	1.8	WOMEN
STANFORD U. CA	0.4	1.0	2.2	
SUNY: U. AT STONY BROOK	0.4	0.7	1.8	
SWARTHMORE C. PA	1.6	2.9	5.6	
VASSAR C. NY	0.6	1.2	2.4	WOMEN
WELLESLEY C. MA	0.7	1.3	3.0	WOMEN
C. OF WOOSTER OH	0.6	0.8	1.2	

TABLE 7

TOP 5% IN EMPIRICAL, LIFE, AND SOCIAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

INSTITUTION	MEN EMPIRICAL SCIENCE RATIO	MEN LIFE SCIENCE RATIO	MEN SOCIAL SCIENCE RATIO	COED STATUS 1966
AMHERST C. MA	3.7	2.4	3.5	MEN
ANTIOCH C. OH	3.6	2.1	5.2	
U. OF CALIFORNIA-BERKELEY	4.4	1.8	2.3	
U. OF CALIFORNIA-RIVERSIDE	5.4	3.6	3.4	
U. OF CALIFORNIA-SAN DIEGO	8.7	7.4	2.5	
CARLETON C. MN	7.3	2.9	4.2	
U. OF CHICAGO IL	9.9	4.7	8.4	
EARLHAM C. IN	3.9	3.9	2.7	
ECKERD C. FL	3.9	2.0	7.3	
GRINNELL C. IA	4.8	2.7	5.8	
HARVARD-RADCLIFFE MA	5.2	2.0	4.5	M/W COORD
HAVERFORD C. PA	4.9	3.3	4.8	MEN
KALAMAZOO C. MI	5.3	2.9	2.7	
KNOX C. IL	3.7	2.4	3.0	
NEW C. OF THE U. OF SOUTH FLORIDA	6.5	3.5	4.3	
OBERLIN C. OH	5.5	2.5	6.9	
POMONA C. CA	7.2	3.9	4.6	
REED C. OR	12.2	5.4	8.9	
SUNY: U. AT STONY BROOK	4.1	2.3	2.8	
SWARTHMORE C. PA	9.9	4.1	8.1	
WABASH C. IN	3.6	3.2	2.4	MEN
C. OF WOOSTER OH	5.7	2.4	3.3	

TABLE 8

TOP 5% IN
EMPIRICAL, LIFE, AND SOCIAL SCIENCE AND HUMANITIES
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
MEN AND WOMEN

INSTITUTION
CARLETON C. MN
U. OF CHICAGO IL
ECKERD C. FL
HARVARD-RADCLIFFE MA
OBERLIN C. OH
POMONA C. CA
REED C. OR
SWARTHMORE C. PA
C. OF WOOSTER OH

TABLE 9

TOP 5% IN
EMPIRICAL, LIFE, AND SOCIAL SCIENCE AND HUMANITIES
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

INSTITUTION	WOMEN HUMANITIES RATIO	WOMEN EMPIRICAL SCIENCE RATIO	WOMEN LIFE SCIENCE RATIO	WOMEN SOCIAL SCIENCE RATIO	COED STATUS 1966
BARNARD C. NY	4.6	0.9	1.4	4.0	W/COORD
BRANDEIS U. MA	2.1	0.4	1.3	2.9	
BROWN-PEMBROKE RI	2.4	0.6	1.2	2.4	M/W COORD
BRYN MAWR C. PA	7.3	1.8	2.4	2.9	WOMEN
U. OF CALIFORNIA-SAN DIEGO	1.2	1.8	3.0	1.3	
U. OF CALIFORNIA-SANTA CRUZ	1.2	0.5	1.8	1.8	
CARLETON C. MN	3.5	1.0	1.3	2.4	
CASE WESTERN RESERVE U. OH	1.3	0.4	0.7	1.5	
U. OF CHICAGO IL	5.1	1.5	2.6	6.4	
CORNELL U. NY	1.5	0.6	1.7	2.0	
ECKERD C. FL	2.1	0.4	1.7	1.9	
GOUCHER C. MD	2.0	0.4	1.0	1.5	WOMEN
HARVARD-RADCLIFFE MA	5.9	1.1	1.8	4.8	M/W COORD
MOUNT HOLYOKE C. MA	2.4	0.9	1.4	1.8	WOMEN
OBERLIN C. OH	3.2	0.7	1.2	3.1	
POMONA C. CA	3.0	0.6	2.3	2.7	
REED C. OR	2.9	2.3	3.0	5.7	
RICE U. TX	3.1	2.0	2.0	1.6	
U. OF ROCHESTER NY	1.9	0.6	0.9	1.6	
SMITH C. MA	3.4	0.4	0.9	1.8	WOMEN
STANFORD U. CA	2.2	0.4	1.0	2.2	

TOP 5% IN
EMPIRICAL, LIFE, AND SOCIAL SCIENCE AND HUMANITIES
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

INSTITUTION	WOMEN HUMANITIES RATIO	WOMEN EMPIRICAL SCIENCE RATIO	WOMEN LIFE SCIENCE RATIO	WOMEN SOCIAL SCIENCE RATIO	COED STATUS 1966
SWARTHMORE C. PA	5.9	1.6	2.9	5.6	
VASSAR C. NY	3.5	0.6	1.2	2.4	WOMEN
WELLESLEY C. MA	4.3	0.7	1.3	3.0	WOMEN
C. OF WOOSTER OH	1.8	0.6	0.8	1.2	

TABLE 10

TOP 5% IN
EMPIRICAL, LIFE, AND SOCIAL SCIENCE AND HUMANITIES
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

INSTITUTION	MEN HUMANITIES RATIO	MEN EMPIRICAL SCIENCE RATIO	MEN LIFE SCIENCE RATIO	MEN SOCIAL SCIENCE RATIO	COED STATUS 1966
AMHERST C. MA	5.7	3.7	2.4	3.5	MEN
ANTIOCH C. OH	2.5	3.6	2.1	5.2	
CARLETON C. MN	4.6	7.3	2.9	4.2	
U. OF CHICAGO IL	6.8	9.9	4.7	8.4	
EARLHAM C. IN	2.7	3.9	3.9	2.7	
ECKERD C. FL	5.2	3.9	2.0	7.3	
GRINNELL C. IA	4.2	4.8	2.7	5.8	
HARVARD-RADCLIFFE MA	5.1	5.2	2.0	4.5	M/W COORD
HAVERFORD C. PA	6.1	4.9	3.3	4.8	MEN
KALAMAZOO C. MI	2.7	5.3	2.9	2.7	
NEW C. OF THE U. OF SOUTH FLORIDA	3.9	6.5	3.5	4.3	
OBERLIN C. OH	7.3	5.5	2.5	6.9	
POMONA C. CA	4.4	7.2	3.9	4.6	
REED C. OR	5.3	12.2	5.4	8.9	
SWARTHMORE C. PA	6.6	9.9	4.1	8.1	
WABASH C. IN	3.0	3.6	3.2	2.4	MEN
C. OF WOOSTER OH	3.1	5.7	2.4	3.3	

Tables 11-17

Ph.D. Productivity Adjusted for Institutional Size

Leading Institutions for Ratios for Women

TABLE 11

TOP 5% IN HUMANITIES
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN HUMANITIES TOTAL 1961-80	WOMEN HUMANITIES RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
1	BRYN MAWR C. PA	246	7.3	20
2	HARVARD-RADCLIFFE MA	351	5.9	20
	SWARTHMORE C. PA	128	5.9	20
4	U. OF CHICAGO IL	175	5.1	20
5	BARNARD C. NY	385	4.6	20
6	WELLESLEY C. MA	348	4.3	20
7	CARLETON C. MN	82	3.5	20
	VASSAR C. NY	241	3.5	20
9	SMITH C. MA	354	3.4	20
10	JUILLIARD SCHOOL NY	23	3.3	20
11	OBERLIN C. OH	161	3.2	20
12	RICE U. TX	66	3.1	20
13	POMONA C. CA	72	3.0	20
14	REED C. OR	32	2.9	20
15	AGNES SCOTT C. GA	75	2.8	20
16	SARAH LAWRENCE C. NY	72	2.7	20
17	PEABODY INSTITUTE MD	9	2.5	20
18	BROWN-PEMBROKE RI	122	2.4	20
	MOUNT HOLYOKE C. MA	182	2.4	20
20	BENNINGTON C. VT	34	2.3	20
21	ST. JOHN'S C. MD	6	2.2	16
	STANFORD U. CA	225	2.2	20

TOP 5% IN HUMANITIES
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN HUMANITIES TOTAL 1961-80	WOMEN HUMANITIES RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
23	BRANDEIS U. MA	81	2.1	19
	ECKERD C. FL	10	2.1	6
25	GOUCHER C. MD	78	2.0	20
	MIDDLEBURY C. VT	57	2.0	20
27	NEW SCHOOL FOR SOCIAL RESEARCH NY	9	1.9	20
	U. OF ROCHESTER NY	136	1.9	20
29	U. OF DALLAS TX	12	1.8	11
	GRINNELL C. IA	38	1.8	20
	RANDOLPH-MACON WOMAN'S C.	52	1.8	20
	C. OF WOOSTER OH	53	1.8	20
33	MANHATTANVILLE C. NY	71	1.7	20
34	C. OF NEW ROCHELLE NY	67	1.6	20
	WILSON C. PA	35	1.6	20
36	CORNELL U. NY	202	1.5	20
	TULANE U. OF LOUISIANA	81	1.5	20
38	BARD C. NY	11	1.4	20
	DUKE U. NC	113	1.4	20
	LAWRENCE U. WI	35	1.4	20
	MARYVILLE C. TN	19	1.4	20
	TRINITY C. DC	49	1.4	20
43	ANTIOCH C. OH	39	1.3	20

TOP 5% IN HUMANITIES
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN HUMANITIES TOTAL 1961-80	WOMEN HUMANITIES RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
	CASE WESTERN RESERVE U. OH	72	1.3	20
	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	103	1.3	20
	KNOX C. IL	26	1.3	20
	U. OF PENNSYLVANIA	152	1.3	20
	ROSARY C. IL	42	1.3	20
49	U. OF CALIFORNIA-SAN DIEGO	11	1.2	4
	U. OF CALIFORNIA-SANTA CRUZ	15	1.2	4
	CONNECTICUT C.	65	1.2	20
	HOBART & WM SMITH C. NY	20	1.2	20
	NORTHWESTERN U. IL	159	1.2	20
	WELLS C. NY	26	1.2	20
55	BIRMINGHAM-SOUTHERN C. AL	21	1.1	20
	MILLS C. CA	33	1.1	20
	REGIS C. CO	4	1.1	17
	ST. JOSEPH'S C. NY	27	1.1	20
	SWEET BRIAR C. VA	29	1.1	20
	WILLAMETTE U. OR	18	1.1	20

TABLE 12

TOP 5% IN EMPIRICAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN EMPIRICAL SCIENCE TOTAL 1961-80	WOMEN EMPIRICAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
1	HARVEY MUDD C. CA	7	21.2	11
2	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	79	9.3	20
3	POLYTECHNIC INSTITUTE OF NEW YORK	7	4.9	20
4	RENSSELAER POLYTECHNIC INSTITUTE NY	15	3.2	20
5	ILLINOIS INSTITUTE OF TECHNOLOGY	11	2.5	20
6	REED C. OR	25	2.3	20
7	GEORGIA INSTITUTE OF TECHNOLOGY	6	2.0	15
	RICE U. TX	42	2.0	20
9	BRYN MAWR C. PA	59	1.8	20
	U. OF CALIFORNIA-SAN DIEGO	16	1.8	4
11	SWARTHMORE C. PA	34	1.6	20
12	U. OF CHICAGO IL	51	1.5	20
13	COOPER UNION NY	6	1.1	20
	ILLINOIS BENEDICTINE C.	2	1.1	7
	HARVARD-RADCLIFFE MA	67	1.1	20
	ST. JOHN'S C. MD	3	1.1	16
17	CARLETON C. MN	23	1.0	20
	NOTRE DAME C. OH	17	1.0	20
19	BARNARD C. NY	71	0.9	20
	U. OF MISSOURI-ROLLA	5	0.9	20

TOP 5% IN EMPIRICAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN EMPIRICAL SCIENCE TOTAL 1961-80	WOMEN EMPIRICAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
	MOUNT HOLYOKE C. MA	72	0.9	20
22	MICHIGAN TECHNOLOGICAL U.	5	0.8	20
23	OBERLIN C. OH	34	0.7	20
	WELLESLEY C. MA	55	0.7	20
25	ALBERTUS MAGNUS C. CT	11	0.6	20
	BROWN-PEMBROKE RI	29	0.6	20
	CARNEGIE-MELLON U. PA	21	0.6	20
	CORNELL U. NY	77	0.6	20
	MUHLENBERG C. PA	8	0.6	12
	POMONA C. CA	14	0.6	20
	U. OF ROCHESTER NY	43	0.6	20
	VASSAR C. NY	39	0.6	20
	C. OF WOOSTER OH	17	0.6	20
34	ALLEGHENY C. PA	12	0.5	20
	BUCKNELL U. PA	21	0.5	20
	U. OF CALIFORNIA-SANTA CRUZ	6	0.5	4
	CHESTNUT HILL C. PA	18	0.5	20
	KING C. TN	2	0.5	20
	RANDOLPH-MACON WOMAN'S C.	14	0.5	20
	URSINUS C. PA	10	0.5	20
41	BIRMINGHAM-SOUTHERN C. AL	7	0.4	20
	BRANDEIS U. MA	15	0.4	19
	U. OF CALIFORNIA-IRVINE	8	0.4	5

TOP 5% IN EMPIRICAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK [41]	INSTITUTION	WOMEN EMPIRICAL SCIENCE TOTAL 1961-80	WOMEN EMPIRICAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
	CASE WESTERN RESERVE U. OH	23	0.4	20
	CATHOLIC U. OF AMERICA DC	15	0.4	20
	CENTRE C. OF KENTUCKY	4	0.4	20
	CHATHAM C. PA	8	0.4	20
	CUNY:CITY C. NY	60	0.4	20
	CLARK U. MA	9	0.4	20
	COLORADO C.	9	0.4	20
	DICKINSON C. PA	8	0.4	20
	DREXEL U. PA	11	0.4	20
	ECKERD C. FL	2	0.4	6
	GOUCHER C. MD	16	0.4	20
	KALAMAZOO C. MI	6	0.4	20
	KNOX C. IL	8	0.4	20
	MIDDLEBURY C. VT	10	0.4	20
	PHILADELPHIA C. OF TEXTILES & SCIENCE PA	2	0.4	20
	SMITH C. MA	44	0.4	20
	STANFORD U. CA	44	0.4	20
	SUNY: U. AT BINGHAMTON	18	0.4	20
	SUNY: U. AT STONY BROOK	15	0.4	10
	WHITMAN C. WA	6	0.4	20
	WILSON C. PA	9	0.4	20

TABLE 13

TOP 5% IN LIFE SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN LIFE SCIENCE TOTAL 1961-80	WOMEN LIFE SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
1	NEW MEXICO INSTITUTE OF MINING & TECH.	7	4.9	15
2	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	39	4.6	20
3	U. OF CALIFORNIA-SAN DIEGO	27	3.0	4
	REED C. OR	33	3.0	20
5	SWARTHMORE C. PA	64	2.9	20
6	U. OF CHICAGO IL	90	2.6	20
7	BRYN MAWR C. PA	80	2.4	20
8	POMONA C. CA	55	2.3	20
9	PHILADELPHIA C. OF PHARMACY & SCIENCE PA	11	2.1	20
	RENSSELAER POLYTECHNIC INSTITUTE NY	10	2.1	20
11	RICE U. TX	42	2.0	20
12	U. OF CALIFORNIA-SANTA CRUZ	24	1.8	4
	HARVARD-RADCLIFFE MA	106	1.8	20
14	CORNELL U. NY	235	1.7	20
	ECKERD C. FL	8	1.7	6
16	BARNARD C. NY	120	1.4	20
	U. OF CALIFORNIA-IRVINE	26	1.4	5
	MOUNT HOLYOKE C. MA	106	1.4	20
19	BRANDEIS U. MA	51	1.3	19
	CARLETON C. MN	31	1.3	20

TOP 5% IN LIFE SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN LIFE SCIENCE TOTAL 1961-80	WOMEN LIFE SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
	EARLHAM C. IN	24	1.3	20
	ILLINOIS INSTITUTE OF TECHNOLOGY	6	1.3	20
	WELLESLEY C. MA	109	1.3	20
24	ANTIOCH C. OH	36	1.2	20
	BROWN-PEMBROKE RI	58	1.2	20
	OBERLIN C. OH	61	1.2	20
	VASSAR C. NY	82	1.2	20
28	JUNIATA C. PA	18	1.1	20
29	ALBERTUS MAGNUS C. CT	19	1.0	20
	GOUCHER C. MD	37	1.0	20
	GRINNELL C. IA	22	1.0	20
	KALAMAZOO C. MI	16	1.0	20
	MUHLENBERG C. PA	13	1.0	12
	STANFORD U. CA	105	1.0	20
	TUFTS U. MA	60	1.0	20
36	DUKE U. NC	71	0.9	20
	U. OF ROCHESTER NY	69	0.9	20
	SMITH C. MA	90	0.9	20
	WILSON C. PA	19	0.9	20
	YESHIVA U. NY	13	0.9	15
41	BUCKNELL U. PA	31	0.8	20

TOP 5% IN LIFE SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN LIFE SCIENCE TOTAL 1961-80	WOMEN LIFE SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
	U. OF CALIFORNIA-DAVIS	93	0.8	20
	U. OF CALIFORNIA-RIVERSIDE	31	0.8	16
	CATHOLIC U. OF AMERICA DC	29	0.8	20
	CHAMINADE U. OF HONOLULU	3	0.8	12
	JOHNS HOPKINS U. MD	11	0.8	20
	SIMMONS C. MA	51	0.8	20
	TEXAS A. & M. U.	10	0.8	6
	WIDENER U. PA	2	0.8	7
	C. OF WOOSTER OH	24	0.8	20
51	U. OF CALIFORNIA-BERKELEY	240	0.7	20
	CASE WESTERN RESERVE U. OH	41	0.7	20
	COE C. IA	11	0.7	20
	COLORADO C.	17	0.7	20
	DREW U. NJ	12	0.7	20
	GEORGIA INSTITUTE OF TECHNOLOGY	2	0.7	15
	HOBART & WM SMITH C. NY	11	0.7	20
	MARIETTA C. OH	16	0.7	20
	NOTRE DAME C. OH	12	0.7	20
	OCCIDENTAL C. CA	19	0.7	20
	OHIO DOMINICAN C.	12	0.7	20
	RANDOLPH-MACON WOMAN'S C.	19	0.7	20

TOP 5% IN LIFE SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK [51]	INSTITUTION	WOMEN LIFE SCIENCE TOTAL 1961-80	WOMEN LIFE SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
	SETON HILL C. PA	20	0.7	20
	SUNY: U. AT STONY BROOK	30	0.7	10
	TRINITY C. DC	25	0.7	20
	WESTERN MARYLAND C.	14	0.7	20

TABLE 14

TOP 5% IN SOCIAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN SOCIAL SCIENCE TOTAL 1961-80	WOMEN SOCIAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
1	NEW C. OF THE U. OF SOUTH FLORIDA	12	6.6	4
2	U. OF CHICAGO IL	220	6.4	20
3	REED C. OR	62	5.7	20
4	SWARTHMORE C. PA	121	5.6	20
5	HARVARD-RADCLIFFE MA	286	4.8	20
6	BARNARD C. NY	331	4.0	20
7	NEW SCHOOL FOR SOCIAL RESEARCH NY	18	3.8	20
8	OBERLIN C. OH	156	3.1	20
9	ANTIOCH C. OH	90	3.0	20
	WELLESLEY C. MA	247	3.0	20
11	BRANDEIS U. MA	112	2.9	19
	BRYN MAWR C. PA	99	2.9	20
13	POMONA C. CA	64	2.7	20
14	BROWN-PEMBROKE RI	118	2.4	20
	CARLETON C. MN	56	2.4	20
	VASSAR C. NY	164	2.4	20
17	PITZER C. CA	13	2.3	6
18	BARD C. NY	18	2.2	20
	STANFORD U. CA	224	2.2	20
20	BENNINGTON C. VT	30	2.0	20
	CORNELL U. NY	267	2.0	20
	SARAH LAWRENCE C. NY	53	2.0	20

TOP 5% IN SOCIAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN SOCIAL SCIENCE TOTAL 1961-80	WOMEN SOCIAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
23	ECKERD C. FL	9	1.9	6
24	U. OF CALIFORNIA-SANTA CRUZ	23	1.8	4
	MOUNT HOLYOKE C. MA	139	1.8	20
	SMITH C. MA	192	1.8	20
	SUNY: U. AT STONY BROOK	76	1.8	10
28	RICE U. TX	35	1.6	20
	U. OF ROCHESTER NY	115	1.6	20
30	CASE WESTERN RESERVE U. OH	85	1.5	20
	CUNY:CITY C. NY	243	1.5	20
	CLARK U. MA	37	1.5	20
	GOUCHER C. MD	58	1.5	20
	GRINNELL C. IA	33	1.5	20
	U. OF PENNSYLVANIA	170	1.5	20
36	NEW YORK U.	258	1.4	20
37	U. OF CALIFORNIA-SAN DIEGO	12	1.3	4
	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	108	1.3	20
	DENISON U. OH	44	1.3	20
	LAKE FOREST C. IL	23	1.3	20
	OCCIDENTAL C. CA	38	1.3	20
42	BELOIT C. WI	29	1.2	20
	BUCKNELL U. PA	47	1.2	20
	U. OF CALIFORNIA-BERKELEY	429	1.2	20

TOP 5% IN SOCIAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN SOCIAL SCIENCE TOTAL 1961-80	WOMEN SOCIAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
	CARNEGIE-MELLON U. PA	44	1.2	20
	CHATHAM C. PA	26	1.2	20
	CUNY:BROOKLYN C. NY	371	1.2	20
	DUKE U. NC	98	1.2	20
	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	10	1.2	20
	NORTHWESTERN U. IL	163	1.2	20
	C. OF WOOSTER OH	35	1.2	20
52	U. OF CALIFORNIA-RIVERSIDE	43	1.1	16
	CATHOLIC U. OF AMERICA DC	42	1.1	20
	CUNY:HUNTER C.	304	1.1	20
	EMORY U. GA	53	1.1	20
	GEORGE WASHINGTON U. DC	100	1.1	20
	MACALESTER C. MN	37	1.1	20
	U. OF MICHIGAN	377	1.1	20
	ST. JOHN'S C. MD	3	1.1	16
	SUNY: U. AT BINGHAMTON	54	1.1	20
	TUFTS U. MA	70	1.1	20
	TULANE U. OF LOUISIANA	56	1.1	20
	WASHINGTON U. MO	87	1.1	20

TABLE 15

TOP 5% IN ALL-SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN ALL-SCIENCE TOTAL 1961-80	WOMEN ALL-SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
1	HARVEY MUDD C. CA	9	27.3	11
2	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	128	15.0	20
3	REED C. OR	120	11.0	20
4	U. OF CHICAGO IL	361	10.5	20
5	SWARTHMORE C. PA	219	10.1	20
6	NEW C. OF THE U. OF SOUTH FLORIDA	15	8.3	4
7	HARVARD-RADCLIFFE MA	459	7.7	20
8	BRYN MAWR C. PA	238	7.1	20
9	BARNARD C. NY	522	6.3	20
10	NEW MEXICO INSTITUTE OF MINING & TECH.	9	6.2	15
11	U. OF CALIFORNIA-SAN DIEGO	55	6.1	4
12	POLYTECHNIC INSTITUTE OF NEW YORK	8	5.6	20
	POMONA C. CA	133	5.6	20
	RICE U. TX	119	5.6	20
15	RENSSELAER POLYTECHNIC INSTITUTE NY	25	5.3	20
16	OBERLIN C. OH	251	5.0	20
	WELLESLEY C. MA	411	5.0	20
18	BRANDEIS U. MA	178	4.7	19
19	CARLETON C. MN	110	4.6	20

TOP 5% IN ALL-SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN ALL-SCIENCE TOTAL 1961-80	WOMEN ALL-SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
20	ANTIOCH C. OH	136	4.5	20
	ILLINOIS INSTITUTE OF TECHNOLOGY	20	4.5	20
22	CORNELL U. NY	579	4.3	20
23	MOUNT HOLYOKE C. MA	317	4.2	20
24	BROWN-PEMBROKE RI	205	4.1	20
	U. OF CALIFORNIA-SANTA CRUZ	53	4.1	4
	ECKERD C. FL	19	4.1	6
	VASSAR C. NY	285	4.1	20
28	NEW SCHOOL FOR SOCIAL RESEARCH NY	18	3.8	20
29	STANFORD U. CA	373	3.7	20
30	GEORGIA INSTITUTE OF TECHNOLOGY	10	3.3	15
31	U. OF ROCHESTER NY	227	3.1	20
	SMITH C. MA	326	3.1	20
33	BARD C. NY	24	3.0	20
34	GOUCHER C. MD	111	2.9	20
	GRINNELL C. IA	62	2.9	20
36	PITZER C. CA	16	2.8	6
	SUNY: U. AT STONY BROOK	121	2.8	10
38	CASE WESTERN RESERVE U. OH	149	2.6	20
	ST. JOHN'S C. MD	7	2.6	16

TOP 5% IN ALL-SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN ALL-SCIENCE TOTAL 1961-80	WOMEN ALL-SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
	C. OF WOOSTER OH	76	2.6	20
41	BUCKNELL U. PA	99	2.5	20
	U. OF CALIFORNIA-IRVINE	46	2.5	5
	DUKE U. NC	194	2.5	20
44	BENNINGTON C. VT	36	2.4	20
	CARNEGIE-MELLON U. PA	89	2.4	20
	CUNY:CITY C. NY	380	2.4	20
	U. OF PENNSYLVANIA	277	2.4	20
48	CATHOLIC U. OF AMERICA DC	86	2.3	20
	CLARK U. MA	58	2.3	20
	EARLHAM C. IN	44	2.3	20
	PHILADELPHIA C. OF PHARMACY & SCIENCE PA	12	2.3	20
	SARAH LAWRENCE C. NY	62	2.3	20
	TUFTS U. MA	139	2.3	20
54	ALBERTUS MAGNUS C. CT	41	2.2	20
	U. OF CALIFORNIA-BERKELEY	772	2.2	20
	U. OF CALIFORNIA-RIVERSIDE	85	2.2	16
	NOTRE DAME C. OH	36	2.2	20
	OCCIDENTAL C. CA	63	2.2	20
59	CHATHAM C. PA	47	2.1	20
	KALAMAZOO C. MI	33	2.1	20

TABLE 16

TOP 5% IN ALL-FIELDS
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN ALL-FIELDS TOTAL 1961-80	WOMEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
1	HARVEY MUDD C. CA	10	30.3	11
2	U. OF CHICAGO IL	645	18.8	20
3	SWARTHMORE C. PA	385	17.7	20
4	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	139	16.3	20
5	BRYN MAWR C. PA	517	15.4	20
6	HARVARD-RADCLIFFE MA	907	15.3	20
7	REED C. OR	165	15.1	20
8	BARNARD C. NY	1044	12.6	20
9	NEW C. OF THE U. OF SOUTH FLORIDA	20	11.1	4
10	WELLESLEY C. MA	891	10.9	20
11	OBERLIN C. OH	506	10.1	20
12	POMONA C. CA	239	10.0	20
13	RICE U. TX	202	9.5	20
14	CARLETON C. MN	209	8.8	20
15	VASSAR C. NY	592	8.6	20
16	BRANDEIS U. MA	305	8.0	19
17	U. OF CALIFORNIA-SAN DIEGO	69	7.7	4
18	MOUNT HOLYOKE C. MA	563	7.4	20
	SMITH C. MA	784	7.4	20
20	ANTIOCH C. OH	215	7.2	20
	BROWN-PEMBROKE RI	361	7.2	20
	STANFORD U. CA	723	7.2	20

TOP 5% IN ALL-FIELDS
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN ALL-FIELDS TOTAL 1961-80	WOMEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
23	CORNELL U. NY	935	7.0	20
24	ECKERD C. FL	32	6.9	6
25	NEW SCHOOL FOR SOCIAL RESEARCH NY	30	6.3	20
26	NEW MEXICO INSTITUTE OF MINING & TECH.	9	6.2	15
27	U. OF ROCHESTER NY	436	6.0	20
28	ST. JOHN'S C. MD	16	5.9	16
	SARAH LAWRENCE C. NY	159	5.9	20
30	ILLINOIS INSTITUTE OF TECHNOLOGY	26	5.8	20
31	AGNES SCOTT C. GA	155	5.7	20
	CASE WESTERN RESERVE U. OH	325	5.7	20
	C. OF WOOSTER OH	166	5.7	20
34	GOUCHER C. MD	218	5.6	20
	GRINNELL C. IA	119	5.6	20
	POLYTECHNIC INSTITUTE OF NEW YORK	8	5.6	20
37	BENNINGTON C. VT	82	5.5	20
	U. OF CALIFORNIA-SANTA CRUZ	72	5.5	4
	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	442	5.5	20
40	RENSSELAER POLYTECHNIC INSTITUTE NY	25	5.3	20
41	DUKE U. NC	392	5.0	20
	JUILLIARD SCHOOL NY	35	5.0	20

TOP 5% IN ALL-FIELDS
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR WOMEN

RANK	INSTITUTION	WOMEN ALL-FIELDS TOTAL 1961-80	WOMEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
	U. OF PENNSYLVANIA	570	5.0	20
44	MIDDLEBURY C. VT	131	4.7	20
45	BARD C. NY	37	4.6	20
	WILSON C. PA	100	4.6	20
47	CUNY:HUNTER C.	1195	4.5	20
48	FISK U. TN	112	4.4	20
	RANDOLPH-MACON WOMAN'S C.	128	4.4	20
50	CARNEGIE-MELLON U. PA	162	4.3	20
	CATHOLIC U. OF AMERICA DC	160	4.3	20
	CHATHAM C. PA	96	4.3	20
	LAWRENCE U. WI	105	4.3	20
	NEW YORK U.	796	4.3	20
	NORTHWESTERN U. IL	577	4.3	20
56	BIRMINGHAM-SOUTHERN C. AL	80	4.2	20
	TUFTS U. MA	256	4.2	20
58	CUNY:CITY C. NY	652	4.1	20
	HEBREW C. MA	11	4.1	20
	PARK C. MO	30	4.1	20
	TULANE U. OF LOUISIANA	220	4.1	20

TABLE 17

LEADING WOMEN'S COLLEGES*
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR ALL-FIELDS

INSTITUTION	WOMEN ALL-FIELDS PHD TOTAL 1961-80	WOMEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
BRYN MAWR C. PA	517	15.4	20
HARVARD-RADCLIFFE MA	907	15.3	20
BARNARD C. NY	1044	12.6	20
WELLESLEY C. MA	891	10.9	20
VASSAR C. NY	592	8.6	20
MOUNT HOLYOKE C. MA	563	7.4	20
SMITH C. MA	784	7.4	20
BROWN-PEMBROKE RI	361	7.2	20
SARAH LAWRENCE C. NY	159	5.9	20
AGNES SCOTT C. GA	155	5.7	20
GOUCHER C. MD	218	5.6	20
BENNINGTON C. VT	82	5.5	20
WILSON C. PA	100	4.6	20
RANDOLPH-MACON WOMAN'S C. VA	128	4.4	20
CHATHAM C. PA	96	4.3	20
TRINITY C. DC	137	4.0	20
MANHATTANVILLE C. NY	153	3.8	20
CONNECTICUT C.	190	3.7	20
PITZER C. CA	21	3.7	6
SPELMAN C. GA	101	3.7	20
C. OF NEW ROCHELLE NY	154	3.6	20
ALBERTUS MAGNUS C. CT	67	3.5	20

* Status as of 1966

LEADING WOMEN'S COLLEGES
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR ALL-FIELDS

INSTITUTION	WOMEN ALL-FIELDS PHD TOTAL 1961-80	WOMEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
HOBART & WM SMITH C. NY	58	3.5	20
NOTRE DAME C. OH	59	3.5	20
MACMURRAY C. IL	60	3.4	20
SAINT JOSEPH'S C. NY	83	3.4	20
WELLS C. NY	73	3.4	20

Population of Women's Colleges (160 institutions)

	All Fields	Humanities	All Science	Empirical Science	Life Science	Social Science
Total Ph.D. Productivity 1961-1980	13,936	4,570	5,854	966	1,939	2,949
Ph.D. Productivity Adjusted for Institutional Size	1.7	0.4	0.6	0.1	0.2	0.2

Tables 18-24

Ph.D. Productivity Adjusted for Institutional Size

Leading Institutions for Ratios for Men

TABLE 18

TOP 5% IN HUMANITIES
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN HUMANITIES TOTAL 1961-80	MEN HUMANITIES RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
1	OBERLIN C. OH	398	7.3	20
2	JUILLIARD SCHOOL NY	69	7.2	20
	ST. JOHN'S C. MD	38	7.2	20
4	U. OF CHICAGO IL	382	6.8	20
5	SWARTHMORE C. PA	163	6.6	20
6	CURTIS INSTITUTE OF MUSIC PA	9	6.2	20
7	HAVERFORD C. PA	154	6.1	20
	HEBREW C. MA	10	6.1	20
9	AMHERST C. MA	311	5.7	20
10	PEABODY INSTITUTE MD	22	5.6	20
11	AMERICAN CONSERVATORY OF MUSIC IL	16	5.3	20
	CLEVELAND INSTITUTE OF MUSIC OH	10	5.3	20
	REED C. OR	97	5.3	20
14	ECKERD C. FL	23	5.2	6
15	HARVARD-RADCLIFFE MA	1156	5.1	20
16	CARLETON C. MN	143	4.6	20
17	POMONA C. CA	132	4.4	20
	WESLEYAN U. CT	207	4.4	20
	WHEATON C. IL	193	4.4	20
20	YALE U. CT	826	4.3	20
21	HAMILTON C. NY	154	4.2	20

TOP 5% IN HUMANITIES
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN HUMANITIES TOTAL 1961-80	MEN HUMANITIES RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
	GRINNELL C. IA	106	4.2	20
23	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	782	4.1	20
24	PRINCETON U. NJ	583	4.0	20
25	NEW C. OF THE U. OF SOUTH FLORIDA	9	3.9	4
26	DAVIDSON C. NC	168	3.8	20
	NEW SCHOOL FOR SOCIAL RESEARCH NY	17	3.8	20
28	THE U. OF THE SOUTH TN	102	3.7	20
	WESTMINSTER CHOIR C. NJ	20	3.7	20
30	YESHIVA U. NY	135	3.6	20
	WILLIAMS C. MA	201	3.6	20
32	BRANDEIS U. MA	134	3.4	19
33	NEW ENGLAND CONSERVATORY OF MUSIC MA	19	3.3	20
34	KENYON C. OH	93	3.2	20
	RHODES C. TN	56	3.2	20
36	BARD C. NY	27	3.1	20
	BATES C. ME	73	3.1	20
	U. OF CALIFORNIA-SANTA CRUZ	44	3.1	4
	U. OF DALLAS TX	18	3.1	11
	MANNES C. OF MUSIC NY	8	3.1	20
	LAWRENCE U. WI	77	3.1	20

TOP 5% IN HUMANITIES
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN HUMANITIES TOTAL 1961-80	MEN HUMANITIES RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
	C. OF WOOSTER OH	101	3.1	20
43	CATHOLIC U. OF AMERICA DC	146	3.0	20
	ST. OLAF C. MN	140	3.0	20
	WABASH C. IN	90	3.0	20
46	CALVIN C. MI	152	2.8	20
	BOWDOIN C. ME	114	2.8	20
	BIRMINGHAM-SOUTHERN C. AL	59	2.8	20
49	BETHEL C. KS	29	2.7	20
	KALAMAZOO C. MI	57	2.7	20
	EARLHAM C. IN	60	2.7	20
	MILLSAPS C. MS	49	2.7	20
	MIDDLEBURY C. VT	101	2.7	20
	TABOR C. KS	21	2.7	20
55	HOUGHTON C. NY	48	2.6	20
	U. OF ROCHESTER NY	274	2.6	20
	STANFORD U. CA	499	2.6	20
58	ANTIOCH C. OH	83	2.5	20
	HENDRIX C. AR	43	2.5	20
	DARTMOUTH C. NH	359	2.5	20

TABLE 19

TOP 5% IN EMPIRICAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN EMPIRICAL SCIENCE TOTAL 1961-80	MEN EMPIRICAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
1	CALIFORNIA INSTITUTE OF TECHNOLOGY	1179	39.5	20
2	HARVEY MUDD C. CA	210	35.2	12
3	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	3651	22.0	20
4	COOPER UNION NY	464	17.0	20
5	REED C. OR	224	12.2	20
6	WEBB INSTITUTE OF NAVAL ARCHITECTURE NY	34	11.8	20
7	RICE U. TX	731	11.3	20
8	U. OF CHICAGO IL	554	9.9	20
	SWARTHMORE C. PA	245	9.9	20
10	CARNEGIE-MELLON U. PA	922	9.8	20
11	RENSSELAER POLYTECHNIC INSTITUTE NY	1328	9.6	20
12	POLYTECHNIC INSTITUTE OF NEW YORK	740	9.2	20
13	CASE WESTERN RESERVE U. OH	981	8.8	20
14	U. OF CALIFORNIA-SAN DIEGO	127	8.7	4
15	NEW MEXICO INSTITUTE OF MINING & TECH.	82	7.7	20
16	CARLETON C. MN	229	7.3	20
17	POMONA C. CA	214	7.2	20
18	NEW C. OF THE U. OF SOUTH FLORIDA	15	6.5	4
	STEVENS INSTITUTE OF TECHNOLOGY NJ	291	6.5	20

TOP 5% IN EMPIRICAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN EMPIRICAL SCIENCE TOTAL 1961-80	MEN EMPIRICAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
20	COLORADO SCHOOL OF MINES	234	6.2	20
21	ILLINOIS INSTITUTE OF TECHNOLOGY	582	5.8	20
	PRINCETON U. NJ	855	5.8	20
23	C. OF WOOSTER OH	182	5.7	20
24	WORCESTER POLYTECHNIC INSTITUTE MA	313	5.6	20
25	OBERLIN C. OH	300	5.5	20
26	U. OF CALIFORNIA-RIVERSIDE	270	5.4	16
	CORNELL U. NY	1426	5.4	20
28	KALAMAZOO C. MI	110	5.3	20
29	HARVARD-RADCLIFFE MA	1174	5.2	20
	KING C. TN	31	5.2	20
31	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	955	5.0	20
32	HAVERFORD C. PA	123	4.9	20
	SOUTH DAKOTA SCHOOL OF MINES & TECH.	166	4.9	20
34	GRINNELL C. IA	120	4.8	20
	JOHNS HOPKINS U. MD	506	4.8	20
	LEHIGH U. PA	630	4.8	20
37	U. OF ROCHESTER NY	466	4.5	20
	ROSE-HULMAN INSTITUTE OF TECHNOLOGY IN	124	4.5	20
	STANFORD U. CA	874	4.5	20

TOP 5% IN EMPIRICAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN EMPIRICAL SCIENCE TOTAL 1961-80	MEN EMPIRICAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
40	U. OF CALIFORNIA-BERKELEY	2246	4.4	20
41	ILLINOIS BENEDICTINE C.	76	4.3	20
42	BROWN-PEMBROKE RI	504	4.2	20
43	CUNY:CITY C. NY	1638	4.1	20
	SUNY: U. AT STONY BROOK	212	4.1	10
45	YESHIVA U. NY	149	4.0	20
46	ALFRED U. NY	154	3.9	20
	EARLHAM C. IN	88	3.9	20
	ECKERD C. FL	17	3.9	6
49	CLARKSON C. OF TECHNOLOGY NY	287	3.8	20
	DREXEL U. PA	596	3.8	20
	UNION C. & U. NY	281	3.8	20
52	AMHERST C. MA	203	3.7	20
	FRANKLIN & MARSHALL C. PA	232	3.7	20
	GEORGIA INSTITUTE OF TECHNOLOGY	801	3.7	20
	KNOX C. IL	100	3.7	20
	U. OF MICHIGAN	1601	3.7	20
57	ANTIOCH C. OH	118	3.6	20
	OCCIDENTAL C. CA	144	3.6	20
	THOMAS MORE C. KY	74	3.6	20
	WABASH C. IN	109	3.6	20

TABLE 20

TOP 5% IN LIFE SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN LIFE SCIENCE TOTAL 1961-80	MEN LIFE SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
1	U. OF CALIFORNIA-SAN DIEGO	107	7.4	4
2	PHILADELPHIA C. OF PHARMACY & SCIENCE PA	122	5.8	20
3	REED C. OR	99	5.4	20
4	CALIFORNIA INSTITUTE OF TECHNOLOGY	147	4.9	20
5	U. OF CHICAGO IL	266	4.7	20
6	U. OF CALIFORNIA-IRVINE	97	4.3	5
7	SWARTHMORE C. PA	101	4.1	20
8	EARLHAM C. IN	88	3.9	20
	POMONA C. CA	117	3.9	20
10	U. OF CALIFORNIA-DAVIS	540	3.8	20
11	U. OF CALIFORNIA-RIVERSIDE	180	3.6	16
12	NEW C. OF THE U. OF SOUTH FLORIDA	8	3.5	4
13	BEREA C. KY	83	3.4	20
14	DELAWARE VALLEY C. OF SCIENCE & AG. PA	82	3.3	20
	HAVERFORD C. PA	84	3.3	20
	SUNY:C. OF ENVIRONMENTAL SCIENCE	122	3.3	20
17	CORNELL U. NY	837	3.2	20
	GOSHEN C. IN	60	3.2	20
	WABASH C. IN	97	3.2	20

TOP 5% IN LIFE SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN LIFE SCIENCE TOTAL 1961-80	MEN LIFE SCIENCE RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
20	U. OF CALIFORNIA-SANTA CRUZ	44	3.1	4
21	CARLETON C. MN	92	2.9	20
	JUNIATA C. PA	65	2.9	20
	KALAMAZOO C. MI	60	2.9	20
24	COLORADO STATE U.	578	2.8	20
	MASSACHUSETTS C. OF PHARMACY	52	2.8	20
26	DREW U. NJ	51	2.7	20
	GRINNELL C. IA	68	2.7	20
	HARVEY MUDD C. CA	16	2.7	12
	HIRAM C. OH	54	2.7	20
30	BLACKBURN U. IL	22	2.6	20
31	OBERLIN C. OH	137	2.5	20
	UTAH STATE U.	397	2.5	20
33	AMHERST C. MA	133	2.4	20
	CORNELL C. IA	43	2.4	20
	KNOX C. IL	64	2.4	20
	C. OF WOOSTER OH	77	2.4	20
37	JOHNS HOPKINS U. MD	244	2.3	20
	MUHLENBERG C. PA	81	2.3	20
	SUNY: U. AT STONY BROOK	119	2.3	10
	TABOR C. KS	18	2.3	20
41	BATES C. ME	53	2.2	20

TOP 5% IN LIFE SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN LIFE SCIENCE TOTAL 1961-80	MEN LIFE SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
	IOWA STATE U. OF SCIENCE & TECHNOLOGY	638	2.2	20
	MILLSAPS C. MS	41	2.2	20
	NORTH CENTRAL C. IL	42	2.2	20
45	ANTIOCH C. OH	68	2.1	20
	BRANDEIS U. MA	81	2.1	19
	CARTHAGE C. WI	20	2.1	6
	WESTERN MARYLAND C.	39	2.1	20
	WHITMAN C. WA	43	2.1	20
50	ALBION C. MI	64	2.0	20
	BETHEL C. KS	21	2.0	20
	ECKERD C. FL	9	2.0	6
	HARVARD-RADCLIFFE MA	453	2.0	20
54	BELOIT C. WI	48	1.9	20
	C. OF CHARLESTON SC	19	1.9	20
	U. OF DALLAS TX	11	1.9	11
	HOPE C. MI	66	1.9	20
	KANSAS STATE U.	416	1.9	20
59	ANDREWS U. MI	36	1.8	20
	AUSTIN C. TX	34	1.8	20
	BARD C. NY	16	1.8	20
	BRIDGEWATER C. VA	28	1.8	20

TOP 5% IN LIFE SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN LIFE SCIENCE TOTAL 1961-80	MEN LIFE SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
[59]				
	U. OF CALIFORNIA-BERKELEY	933	1.8	20
	GUSTAVUS ADOLPHUS C. MN	51	1.8	20
	OKLAHOMA STATE U.	525	1.8	20
	ROCKFORD C. IL	13	1.8	15
	U. OF WISCONSIN	831	1.8	20

TABLE 21

TOP 5% IN SOCIAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN SOCIAL SCIENCE TOTAL 1961-80	MEN SOCIAL SCIENCE RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
1	REED C. OR	162	8.9	20
2	U. OF CHICAGO IL	471	8.4	20
3	SWARTHMORE C. PA	201	8.1	20
4	ECKERD C. FL	32	7.3	6
5	OBERLIN C. OH	376	6.9	20
6	GRINNELL C. IA	144	5.8	20
7	BRANDEIS U. MA	210	5.4	19
8	NEW SCHOOL FOR SOCIAL RESEARCH NY	24	5.3	20
9	ANTIOCH C. OH	170	5.2	20
10	HAVERFORD C. PA	121	4.8	20
11	POMONA C. CA	137	4.6	20
12	HARVARD-RADCLIFFE MA	1022	4.5	20
13	NEW C. OF THE U. OF SOUTH FLORIDA	10	4.3	4
14	CARLETON C. MN	131	4.2	20
	WESLEYAN U. CT	198	4.2	20
16	U. OF CALIFORNIA-SANTA CRUZ	59	4.1	4
17	OCCIDENTAL C. CA	159	4.0	20
18	AMHERST C. MA	191	3.5	20
	CUNY:BROOKLYN C. NY	863	3.5	20
	CLARK U. MA	137	3.5	20
	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	656	3.5	20

TOP 5% IN SOCIAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN SOCIAL SCIENCE TOTAL 1961-80	MEN SOCIAL SCIENCE RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
22	U. OF CALIFORNIA-RIVERSIDE	171	3.4	16
23	LAWRENCE U. WI	81	3.3	20
	RHODES C. TN	59	3.3	20
	C. OF WOOSTER OH	106	3.3	20
26	BARD C. NY	27	3.1	20
	BELOIT C. WI	79	3.1	20
	CUNY:CITY C. NY	1225	3.1	20
	WHITMAN C. WA	62	3.1	20
	YALE U. CT	589	3.1	20
31	KNOX C. IL	82	3.0	20
	WHEATON C. IL	130	3.0	20
	YESHIVA U. NY	113	3.0	20
34	CLAREMONT MCKENNA C CA	76	2.9	20
	DEPAUW U. IN	139	2.9	20
	MACALESTER C. MN	92	2.9	20
37	GREENSBORO C. NC	9	2.8	14
	MILLSAPS C. MS	52	2.8	20
	U. OF REDLANDS CA	95	2.8	20
	SUNY: U. AT STONY BROOK	145	2.8	10
	WILLAMETTE U. OR	68	2.8	20
	WILLIAMS C. MA	157	2.8	20
43	CUNY:QUEENS C. NY	475	2.7	20
	EARLHAM C. IN	60	2.7	20

TOP 5% IN SOCIAL SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN SOCIAL SCIENCE TOTAL 1961-80	MEN SOCIAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
	HAMILTON C. NY	98	2.7	20
	KALAMAZOO C. MI	55	2.7	20
	PRINCETON U. NJ	395	2.7	20
	STANFORD U. CA	524	2.7	20
	WESTMONT C. CA	33	2.7	20
50	CUNY:HUNTER C.	189	2.6	20
	DREW U. NJ	49	2.6	20
	ST. JOHN'S C. MD	14	2.6	20
	SUNY: U. AT BINGHAMTON	153	2.6	20
54	U. OF CALIFORNIA-SAN DIEGO	36	2.5	4
	DARTMOUTH C. NH	368	2.5	20
56	BOWDOIN C. ME	99	2.4	20
	BROWN-PEMBROKE RI	286	2.4	20
	U. OF DALLAS TX	14	2.4	11
	WABASH C. IN	72	2.4	20
60	U. OF CALIFORNIA-BERKELEY	1166	2.3	20
	DENISON U. OH	94	2.3	20
	FRANKLIN & MARSHALL C. PA	140	2.3	20
	HANOVER C. IN	42	2.3	20
	U. OF NORTH CAROLINA-ASHEVILLE	7	2.3	5
	ROCKFORD C. IL	17	2.3	15

TABLE 22

TOP 5% IN ALL-SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN ALL-SCIENCE TOTAL 1961-80	MEN ALL-SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
1	CALIFORNIA INSTITUTE OF TECHNOLOGY	1391	46.6	20
2	HARVEY MUDD C. CA	238	39.9	12
3	REED C. OR	485	26.5	20
4	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	4209	25.4	20
5	U. OF CHICAGO IL	1291	23.0	20
6	SWARTHMORE C. PA	547	22.1	20
7	U. OF CALIFORNIA-SAN DIEGO	270	18.6	4
8	COOPER UNION NY	492	18.1	20
9	POMONA C. CA	468	15.6	20
10	OBERLIN C. OH	813	14.9	20
11	CARLETON C. MN	452	14.5	20
	RICE U. TX	938	14.5	20
13	NEW C. OF THE U. OF SOUTH FLORIDA	33	14.3	4
14	GRINNELL C. IA	332	13.3	20
15	ECKERD C. FL	58	13.2	6
16	HAVERFORD C. PA	328	13.0	20
17	U. OF CALIFORNIA-RIVERSIDE	621	12.4	16
18	WEBB INSTITUTE OF NAVAL ARCHITECTURE NY	34	11.8	20
19	HARVARD-RADCLIFFE MA	2649	11.7	20
20	CASE WESTERN RESERVE U. OH	1283	11.5	20

TOP 5% IN ALL-SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN ALL-SCIENCE TOTAL 1961-80	MEN ALL-SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
21	C. OF WOOSTER OH	365	11.3	20
22	CARNEGIE-MELLON U. PA	1046	11.2	20
	RENSSELAER POLYTECHNIC INSTITUTE NY	1554	11.2	20
24	ANTIOCH C. OH	356	10.8	20
	KALAMAZOO C. MI	225	10.8	20
26	CORNELL U. NY	2844	10.7	20
27	EARLHAM C. IN	236	10.5	20
28	BRANDEIS U. MA	390	10.0	19
	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	1901	10.0	20
30	PRINCETON U. NJ	1433	9.8	20
31	U. OF CALIFORNIA-SANTA CRUZ	139	9.7	4
	POLYTECHNIC INSTITUTE OF NEW YORK	776	9.7	20
33	AMHERST C. MA	527	9.6	20
34	NEW MEXICO INSTITUTE OF MINING & TECH.	99	9.3	20
	WABASH C. IN	278	9.3	20
36	U. OF CALIFORNIA-IRVINE	207	9.2	5
	SUNY: U. AT STONY BROOK	476	9.2	10
38	JOHNS HOPKINS U. MD	967	9.1	20
	KNOX C. IL	246	9.1	20
40	OCCIDENTAL C. CA	357	8.9	20

TOP 50 IN ALL-SCIENCE
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN ALL-SCIENCE TOTAL 1961-80	MEN ALL-SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
41	U. OF CALIFORNIA-BERKELEY	4345	8.5	20
	STANFORD U. CA	1648	8.5	20
	WESLEYAN U. CT	401	8.5	20
44	WHITMAN C. WA	170	8.4	20
45	BEREA C. KY	201	8.2	20
	CUNY:CITY C. NY	3275	8.2	20
47	BELOIT C. WI	204	8.1	20
	U. OF ROCHESTER NY	843	8.1	20
	YESHIVA U. NY	304	8.1	20
50	PHILADELPHIA C. OF PHARMACY & SCIENCE PA	168	8.0	20
	RHODES C. TN	142	8.0	20
52	BROWN-PEMBROKE RI	943	7.9	20
	KING C. TN	47	7.9	20
	YALE U. CT	1508	7.9	20
55	DREW U. NJ	142	7.6	20
	MILLSAPS C. MS	139	7.6	20
57	U. OF DALLAS TX	44	7.5	11
	LAWRENCE U. WI	186	7.5	20
59	CUNY:BROOKLYN C. NY	1809	7.4	20
	STEVENS INSTITUTE OF TECHNOLOGY NJ	331	7.4	20

TABLE 23

TOP 5% IN ALL-FIELDS
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN ALL-FIELDS TOTAL 1961-80	MEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
1	CALIFORNIA INSTITUTE OF TECHNOLOGY	1421	47.7	20
2	HARVEY MUDD C. CA	247	41.4	12
3	REED C. OR	604	33.0	20
4	U. OF CHICAGO IL	1839	32.7	20
5	SWARTHMORE C. PA	751	30.3	20
6	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	4483	27.1	20
7	OBERLIN C. OH	1359	24.9	20
8	POMONA C. CA	663	22.2	20
9	CARLETON C. MN	673	21.6	20
	HAVERFORD C. PA	544	21.6	20
11	U. OF CALIFORNIA-SAN DIEGO	293	20.1	4
12	ECKERD C. FL	87	19.8	6
	GRINNELL C. IA	495	19.8	20
14	NEW C. OF THE U. OF SOUTH FLORIDA	43	18.7	4
15	COOPER UNION NY	506	18.6	20
16	HARVARD-RADCLIFFE MA	4173	18.4	20
17	HEBREW C. MA	29	17.7	20
18	C. OF WOOSTER OH	564	17.5	20
19	RICE U. TX	1123	17.3	20
20	AMHERST C. MA	929	16.9	20
21	WHEATON C. IL	695	15.9	20

TOP 5% IN ALL-FIELDS
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN ALL-FIELDS TOTAL 1961-80	MEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
22	EARLHAM C. IN	354	15.8	20
23	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	2960	15.6	20
24	ANTIOCH C. OH	507	15.4	20
25	U. OF CALIFORNIA-RIVERSIDE	758	15.1	16
26	PRINCETON U. NJ	2190	15.0	20
	WESLEYAN U. CT	703	15.0	20
28	KALAMAZOO C. MI	309	14.9	20
29	BRANDEIS U. MA	575	14.8	19
30	WABASH C. IN	424	14.2	20
31	OCCIDENTAL C. CA	568	14.1	20
32	CASE WESTERN RESERVE U. OH	1542	13.8	20
	YESHIVA U. NY	518	13.8	20
34	ST. JOHN'S C. MD	73	13.7	20
35	YALE U. CT	2586	13.5	20
36	RHODES C. TN	235	13.3	20
37	U. OF CALIFORNIA-SANTA CRUZ	190	13.2	4
38	KNOX C. IL	355	13.1	20
	WEBB INSTITUTE OF NAVAL ARCHITECTURE NY	38	13.1	20
40	CORNELL U. NY	3449	13.0	20
41	MILLSAPS C. MS	237	12.9	20
42	BETHEL C. KS	137	12.8	20
	GOSHEN C. IN	240	12.8	20

TOP 5% IN ALL-FIELDS
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR MEN

RANK	INSTITUTION	MEN ALL-FIELDS TOTAL 1961-80	MEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
	LAWRENCE U. WI	316	12.8	20
45	CARNEGIE-MELLON U. PA	1194	12.7	20
46	CORNELL C. IA	221	12.5	20
47	STANFORD U. CA	2422	12.4	20
48	U. OF ROCHESTER NY	1283	12.3	20
49	HOPE C. MI	417	12.2	20
50	BEREA C. KY	299	12.1	20
	ST. OLAF C. MN	556	12.1	20
	WHITMAN C. WA	245	12.1	20
53	CATHOLIC U. OF AMERICA DC	581	12.0	20
	RENSSELAER POLYTECHNIC INSTITUTE NY	1657	12.0	20
	WILLIAMS C. MA	669	12.0	20
56	DAVIDSON C. NC	529	11.9	20
57	BATES C. ME	280	11.8	20
58	BELOIT C. WI	292	11.6	20
	HAMILTON C. NY	423	11.6	20
59	BOWDOIN C. ME	463	11.4	20
	CUNY:BROOKLYN C. NY	2777	11.4	20
	DEPAUW U. IN	546	11.4	20

TABLE 24

LEADING MEN'S INSTITUTIONS *
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR ALL-FIELDS

INSTITUTION	MEN ALL-FIELDS PHD TOTAL 1961-80	MEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
CALIFORNIA INSTITUTE OF TECHNOLOGY	1421	47.7	20
HAVERFORD C. PA	544	21.6	20
HARVARD-RADCLIFFE MA	4173	18.4	20
AMHERST C. MA	929	16.9	20
PRINCETON U. NJ	2190	15.0	20
WESLEYAN U. CT	703	15.0	20
WABASH C. IN	424	14.2	20
YESHIVA U. NY	518	13.8	20
YALE U. CT	2586	13.5	20
WEBB INSTITUTE OF NAVAL ARCHITECTURE NY	38	13.1	20
WILLIAMS C. MA	669	12.0	20
DAVIDSON C. NC	529	11.9	20
HAMILTON C. NY	423	11.6	20
BOWDOIN C. ME	463	11.4	20
JOHNS HOPKINS U. MD	1203	11.3	20
BROWN-PEMBROKE RI	1307	11.0	20
DARTMOUTH C. NH	1477	10.2	20
KENYON C. OH	283	9.9	20
FRANKLIN & MARSHALL C. PA	579	9.3	20
SAINT MARY'S C. MN	312	8.8	20
THE U. OF THE SOUTH TN	243	8.8	20

* Status as of 1966

LEADING MEN'S INSTITUTIONS
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
RATIOS FOR ALL-FIELDS

INSTITUTION	MEN ALL-FIELDS PHD TOTAL 1961-80	MEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
MOREHOUSE C. GA	226	8.4	20
TRINITY C. CT	393	8.0	20
ILLINOIS BENEDICTINE C.	141	7.9	20
STEVENS INSTITUTE OF TECHNOLOGY NJ	344	7.7	20

Population of Men's Colleges (100 institutions)

	All Fields	Humanities	All Science	Empirical Science	Life Science	Social Science
Total Ph.D. Productivity 1961-1980	40,961	8,321	27,166	14,417	5,009	7,740
Ph.D. Productivity Adjusted for Institutional Size	4.9	0.8	3.3	1.5	0.6	0.8

TABLE 25

TOP 5% IN ALL-FIELDS
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
COMBINED RATIOS FOR MEN AND WOMEN

RANK	INSTITUTION	ALL FIELDS TOTAL 1961-80	ALL FIELDS RATIO	NO. YEARS FOR PHD AVERAGE
1	CALIFORNIA INSTITUTE OF TECHNOLOGY	1428	46.8	20
2	HARVEY MUDD C. CA	257	40.7	12
3	U. OF CHICAGO IL	2484	27.5	20
4	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	4622	26.5	20
5	REED C. OR	769	26.3	20
6	SWARTHMORE C. PA	1136	24.4	20
7	HAVERFORD C. PA	544	21.6	20
8	OBERLIN C. OH	1865	17.8	20
9	HARVARD-RADCLIFFE MA	5080	17.7	20
10	AMHERST C. MA	931	16.9	20
11	POMONA C. CA	902	16.8	20
12	CARLETON C. MN	882	16.1	20
13	COOPER UNION NY	513	15.6	20
14	BRYN MAWR C. PA	517	15.4	20
	U. OF CALIFORNIA-SAN DIEGO	362	15.4	4
	RICE U. TX	1325	15.4	20
17	NEW C. OF THE U. OF SOUTH FLORIDA	63	15.3	4
18	PRINCETON U. NJ	2230	14.2	20
	WABASH C. IN	424	14.2	20
20	WESLEYAN U. CT	713	13.6	20

TOP 5% IN ALL-FIELDS
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
COMBINED RATIOS FOR MEN AND WOMEN

RANK	INSTITUTION	ALL FIELDS TOTAL 1961-80	ALL FIELDS RATIO	NO. YEARS FOR PHD AVERAGE
21	WEBB INSTITUTE OF NAVAL ARCHITECTURE NY	39	13.5	20
22	GRINNELL C. IA	614	13.2	20
23	ECKERD C. FL	119	13.1	6
24	YALE U. CT	2645	12.9	20
25	COLUMBIA-BARNARD NY	4446	12.6	20
26	C. OF WOOSTER OH	730	12.0	20
27	DAVIDSON C. NC	530	11.8	20
	RENSSELAER POLYTECHNIC INSTITUTE NY	1682	11.8	20
29	ANTIOCH C. OH	722	11.5	20
30	BRANDEIS U. MA	880	11.4	19
31	WILLIAMS C. MA	674	11.2	20
32	CASE WESTERN RESERVE U. OH	1867	11.1	20
33	CORNELL U. NY	4384	11.0	20
34	WELLESLEY C. MA	891	10.9	20
35	BOWDOIN C. ME	466	10.8	20
36	STANFORD U. CA	3145	10.7	20
37	JOHNS HOPKINS U. MD	1248	10.5	20
38	EARLHAM C. IN	429	10.4	20
39	CARNEGIE-MELLON U. PA	1356	10.3	20
40	ST. JOHN'S C. MD	89	10.2	20
41	KALAMAZOO C. MI	368	10.1	20

TOP 5% IN ALL-FIELDS
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
COMBINED RATIOS FOR MEN AND WOMEN

RANK	INSTITUTION	ALL FIELDS TOTAL 1961-80	ALL FIELDS RATIO	NO. YEARS FOR PHD AVERAGE
42	U. OF CALIFORNIA-RIVERSIDE	894	10.0	16
	DARTMOUTH C. NH	1478	10.0	20
	POLYTECHNIC INSTITUTE OF NEW YORK	811	10.0	20
45	BROWN-PEMBROKE RI	1668	9.9	20
	HAMILTON C. NY	430	9.9	20
	OCCIDENTAL C. CA	682	9.9	20
48	WHEATON C. IL	832	9.8	20
49	U. OF ROCHESTER NY	1719	9.7	20
	YESHIVA U. NY	541	9.7	20
51	U. OF CALIFORNIA-SANTA CRUZ	262	9.6	4
52	HEBREW C. MA	40	9.2	20
53	CUNY:CITY C. NY	5089	9.1	20
	KNOX C. IL	427	9.1	20
55	CATHOLIC U. OF AMERICA DC	741	8.6	20
	FRANKLIN & MARSHALL C. PA	587	8.6	20
	KENYON C. OH	288	8.6	20
	NEW MEXICO INSTITUTE OF MINING & TECH.	109	8.6	20
59	JUILLIARD SCHOOL NY	140	8.5	20
	LAWRENCE U. WI	421	8.5	20
	MILLSAPS C. MS	290	8.5	20
	NEW SCHOOL FOR SOCIAL RESEARCH NY	79	8.5	20

TOP 5% IN ALL-FIELDS
PH.D. PRODUCTIVITY ADJUSTED FOR INSTITUTIONAL SIZE
COMBINED RATIOS FOR MEN AND WOMEN

RANK	INSTITUTION	ALL FIELDS TOTAL 1961-80	ALL FIELDS RATIO	NO. YEARS FOR PHD AVERAGE
	WHITMAN C. WA	299	8.5	20
64	MOREHOUSE C. GA	226	8.4	20
65	SAINT MARY'S C. MN	313	8.3	20

Tables 26-31

Total Numbers of Ph.D.'s

Leading Institutions for Totals for Women

TABLE 26

TOP 5% IN HUMANITIES
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN HUMANITIES TOTAL 1961-80	WOMEN HUMANITIES RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
1	BARNARD C. NY	385	4.6	20
2	SMITH C. MA	354	3.4	20
3	HARVARD-RADCLIFFE MA	351	5.9	20
4	WELLESLEY C. MA	348	4.3	20
5	U. OF CALIFORNIA-BERKELEY	325	0.9	20
6	U. OF MICHIGAN	314	0.9	20
7	CUNY:HUNTER C.	280	1.0	20
8	U. OF CALIFORNIA-LOS ANGELES	269	0.8	20
9	BRYN MAWR C. PA	246	7.3	20
10	VASSAR C. NY	241	3.5	20
11	STANFORD U. CA	225	2.2	20
12	CUNY:BROOKLYN C. NY	206	0.7	20
13	CORNELL U. NY	202	1.5	20
14	CUNY:QUEENS C. NY	193	0.7	20
15	U. OF WISCONSIN	183	0.5	20
16	MOUNT HOLYOKE C. MA	182	2.4	20
17	U. OF TEXAS	178	0.5	20
18	U. OF CHICAGO IL	175	5.1	20
19	NEW YORK U.	168	0.9	20
20	U. OF ILLINOIS	162	0.6	20
21	OBERLIN C. OH	161	3.2	20
22	NORTHWESTERN U. IL	159	1.2	20

TOP 5% IN HUMANITIES
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN HUMANITIES TOTAL 1961-80	WOMEN HUMANITIES RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
23	INDIANA U.	156	0.6	20
24	U. OF PENNSYLVANIA	152	1.3	20
25	U. OF MINNESOTA	151	0.4	20
26	RUTGERS U. NJ [ALL CAMPUSES]	140	0.7	20
27	U. OF WASHINGTON	139	0.5	20
28	U. OF ROCHESTER NY	136	1.9	20
29	SWARTHMORE C. PA	128	5.9	20
30	BROWN-PEMBROKE RI	122	2.4	20
31	CUNY:CITY C. NY	114	0.7	20
32	DUKE U. NC	113	1.4	20
33	BOSTON U. MA	105	0.4	20
34	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	103	1.3	20
35	FLORIDA STATE U.	96	0.4	20
	OHIO STATE U.	96	0.3	20
37	WAYNE STATE U. MI	88	0.3	20
38	MICHIGAN STATE U.	86	0.2	20
39	CARLETON C. MN	82	3.5	20
40	BRANDEIS U. MA	81	2.1	19
	TULANE U. OF LOUISIANA	81	1.5	20
42	GOUCHER C. MD	78	2.0	20
	U. OF KANSAS	78	0.5	20
	U. OF MISSOURI	78	0.4	20

TOP 5% IN HUMANITIES
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN HUMANITIES TOTAL 1961-80	WOMEN HUMANITIES RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
	PENNSYLVANIA STATE U.	78	0.3	20
46	AGNES SCOTT C. GA	75	2.8	20
	U. OF COLORADO	75	0.3	20
48	U. OF IOWA	73	0.4	20
49	CASE WESTERN RESERVE U. OH	72	1.3	20
	POMONA C. CA	72	3.0	20
	SARAH LAWRENCE C. NY	72	2.7	20
52	MANHATTANVILLE C. NY	71	1.7	20
	U. OF NORTH CAROLINA	71	0.5	20
54	SYRACUSE U. NY	69	0.4	20
55	LOUISIANA STATE U. & A & M	68	0.5	20
	U. OF PITTSBURGH PA	68	0.4	20
57	C. OF NEW ROCHELLE NY	67	1.6	20
58	U. OF NORTH CAROLINA -GREENSBORO	66	0.5	20
	RICE U. TX	66	3.1	20
60	CONNECTICUT C.	65	1.2	20
	SUNY: U. AT BUFFALO	65	0.5	20

TABLE 27

TOP 5% IN EMPIRICAL SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN EMPIRICAL SCIENCE TOTAL 1961-80	WOMEN EMPIRICAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
1	U. OF CALIFORNIA-BERKELEY	103	0.3	20
2	U. OF MICHIGAN	86	0.2	20
3	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	79	9.3	20
4	CORNELL U. NY	77	0.6	20
5	MOUNT HOLYOKE C. MA	72	0.9	20
6	BARNARD C. NY	71	0.9	20
7	HARVARD-RADCLIFFE MA	67	1.1	20
8	U. OF CALIFORNIA-LOS ANGELES	63	0.2	20
9	CUNY:CITY C. NY	60	0.4	20
	U. OF ILLINOIS	60	0.2	20
11	BRYN MAWR C. PA	59	1.8	20
12	RUTGERS U. NJ [ALL CAMPUSES]	56	0.3	20
13	WELLESLEY C. MA	55	0.7	20
14	U. OF CHICAGO IL	51	1.5	20
15	U. OF WISCONSIN	49	0.1	20
16	U. OF TEXAS	46	0.1	20
17	SMITH C. MA	44	0.4	20
	STANFORD U. CA	44	0.4	20
19	U. OF ROCHESTER NY	43	0.6	20
20	MICHIGAN STATE U.	42	0.1	20
	RICE U. TX	42	2.0	20
22	CUNY:HUNTER C.	41	0.2	20

TOP 5% IN EMPIRICAL SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN EMPIRICAL SCIENCE TOTAL 1961-80	WOMEN EMPIRICAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
23	CUNY:BROOKLYN C. NY	40	0.1	20
	NORTHWESTERN U. IL	40	0.3	20
25	CUNY:QUEENS C. NY	39	0.2	20
	VASSAR C. NY	39	0.6	20
27	U. OF PENNSYLVANIA	37	0.3	20
28	PURDUE U. IN	35	0.2	20
29	OBERLIN C. OH	34	0.7	20
	OHIO STATE U.	34	0.1	20
	PENNSYLVANIA STATE U.	34	0.1	20
	SWARTHMORE C. PA	34	1.6	20
33	U. OF MINNESOTA	31	0.1	20
34	NEW YORK U.	30	0.2	20
35	BROWN-PEMBROKE RI	29	0.6	20
36	U. OF FLORIDA	27	0.1	20
	U. OF WASHINGTON	27	0.1	20
38	DUKE U. NC	25	0.3	20
	REED C. OR	25	2.3	20
40	U. OF MARYLAND	24	0.1	20
	U. OF PITTSBURGH PA	24	0.2	20
42	CARLETON C. MN	23	1.0	20
	CASE WESTERN RESERVE U. OH	23	0.4	20
	U. OF COLORADO	23	0.1	20

TOP 5% IN EMPIRICAL SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN EMPIRICAL SCIENCE TOTAL 1961-80	WOMEN EMPIRICAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
45	BUCKNELL U. PA	21	0.5	20
	CARNEGIE-MELLON U. PA	21	0.6	20
	U. OF MASSACHUSETTS	21	0.1	20
	C. OF WILLIAM & MARY VA	21	0.3	20
49	U. OF CALIFORNIA-DAVIS	20	0.2	20
	GEORGE WASHINGTON U. DC	20	0.2	20
	LOUISIANA STATE U. & A & M	20	0.1	20
	SUNY: U. AT BUFFALO	20	0.2	20
53	CHESTNUT HILL C. PA	18	0.5	20
	SAINT LOUIS U. MO	18	0.2	20
	SUNY: U. AT BINGHAMTON	18	0.4	20
	SYRACUSE U. NY	18	0.1	20
	WASHINGTON U. MO	18	0.2	20
58	BOSTON U. MA	17	0.1	20
	INDIANA U.	17	0.1	20
	MIAMI U. OH	17	0.1	20
	NOTRE DAME C. OH	17	1.0	20
	TEMPLE U. PA	17	0.1	20
	C. OF WOOSTER OH	17	0.6	20

TABLE 28

TOP 5% IN LIFE SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN LIFE SCIENCE TOTAL 1961-80	WOMEN LIFE SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
1	U. OF CALIFORNIA-BERKELEY	240	0.7	20
2	CORNELL U. NY	235	1.7	20
3	U. OF MICHIGAN	164	0.5	20
4	U. OF TEXAS	139	0.4	20
5	U. OF WISCONSIN	132	0.4	20
6	U. OF CALIFORNIA-LOS ANGELES	131	0.4	20
	U. OF ILLINOIS	131	0.5	20
8	CUNY:HUNTER C.	121	0.5	20
9	BARNARD C. NY	120	1.4	20
10	WELLESLEY C. MA	109	1.3	20
11	MOUNT HOLYOKE C. MA	106	1.4	20
	HARVARD-RADCLIFFE MA	106	1.8	20
13	STANFORD U. CA	105	1.0	20
14	CUNY:BROOKLYN C. NY	102	0.3	20
15	PENNSYLVANIA STATE U.	97	0.3	20
	RUTGERS U. NJ [ALL CAMPUSES]	97	0.5	20
17	U. OF CALIFORNIA-DAVIS	93	0.8	20
18	U. OF CHICAGO IL	90	2.6	20
	SMITH C. MA	90	0.9	20
20	MICHIGAN STATE U.	88	0.2	20
	U. OF MINNESOTA	88	0.2	20
22	VASSAR C. NY	82	1.2	20

TOP 5% IN LIFE SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN LIFE SCIENCE TOTAL 1961-80	WOMEN LIFE SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
23	OHIO STATE U.	81	0.2	20
24	BRYN MAWR C. PA	80	2.4	20
25	CUNY:CITY C. NY	77	0.5	20
26	U. OF WASHINGTON	74	0.3	20
27	U. OF COLORADO	71	0.3	20
	DUKE U. NC	71	0.9	20
	NEW YORK U.	71	0.4	20
30	U. OF MARYLAND	70	0.2	20
	U. OF PENNSYLVANIA	70	0.6	20
32	PURDUE U. IN	69	0.4	20
	U. OF ROCHESTER NY	69	0.9	20
34	SWARTHMORE C. PA	64	2.9	20
35	BOSTON U. MA	61	0.2	20
	CUNY:QUEENS C. NY	61	0.2	20
	OBERLIN C. OH	61	1.2	20
	U. OF PITTSBURGH PA	61	0.4	20
39	TUFTS U. MA	60	1.0	20
40	INDIANA U.	59	0.2	20
41	BROWN-PEMBROKE RI	58	1.2	20
42	U. OF KANSAS	56	0.3	20
	U. OF MASSACHUSETTS	56	0.3	20
44	POMONA C. CA	55	2.3	20

TOP 5% IN LIFE SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN LIFE SCIENCE TOTAL 1961-80	WOMEN LIFE SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
45	SUNY: U. AT BUFFALO	54	0.4	20
46	BRANDEIS U. MA	51	1.3	19
	SIMMONS C. MA	51	0.8	20
48	U. OF CONNECTICUT	50	0.3	20
	IOWA STATE U. OF SCIENCE & TECHNOLOGY	50	0.4	20
	SYRACUSE U. NY	50	0.3	20
51	NORTHWESTERN U. IL	47	0.4	20
52	TEXAS WOMAN'S U.	45	0.4	20
53	U. OF FLORIDA	44	0.2	20
54	WASHINGTON U. MO	43	0.5	20
55	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	42	0.5	20
	LOUISIANA STATE U. & A & M	42	0.3	20
	RICE U. TX	42	2.0	20
	WAYNE STATE U. MI	42	0.2	20
59	CASE WESTERN RESERVE U. OH	41	0.7	20
60	U. OF OKLAHOMA	40	0.3	20

TABLE 29

TOP 58 IN SOCIAL SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN SOCIAL SCIENCE TOTAL 1961-80	WOMEN SOCIAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
1	U. OF CALIFORNIA-BERKELEY	429	1.2	20
2	U. OF MICHIGAN	377	1.1	20
3	CUNY:BROOKLYN C. NY	371	1.2	20
4	BARNARD C. NY	331	4.0	20
5	CUNY:HUNTER C.	304	1.1	20
6	U. OF CALIFORNIA-LOS ANGELES	297	0.9	20
7	HARVARD-RADCLIFFE MA	286	4.8	20
8	CORNELL U. NY	267	2.0	20
9	NEW YORK U.	258	1.4	20
10	WELLESLEY C. MA	247	3.0	20
11	CUNY:CITY C. NY	243	1.5	20
12	U. OF WISCONSIN	232	0.7	20
13	STANFORD U. CA	224	2.2	20
14	U. OF CHICAGO IL	220	6.4	20
15	U. OF MINNESOTA	207	0.6	20
16	U. OF ILLINOIS	199	0.7	20
17	CUNY:QUEENS C. NY	197	0.8	20
18	SMITH C. MA	192	1.8	20
19	U. OF TEXAS	190	0.5	20
20	MICHIGAN STATE U.	171	0.4	20
21	U. OF PENNSYLVANIA	170	1.5	20
22	RUTGERS U. NJ [ALL CAMPUSES]	167	0.8	20

TOP 5% IN SOCIAL SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN SOCIAL SCIENCE TOTAL 1961-80	WOMEN SOCIAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
23	VASSAR C. NY	164	2.4	20
24	NORTHWESTERN U. IL	163	1.2	20
25	OHIO STATE U.	162	0.4	20
26	OBERLIN C. OH	156	3.1	20
27	PENNSYLVANIA STATE U.	147	0.5	20
28	U. OF COLORADO	146	0.7	20
29	BOSTON U. MA	139	0.5	20
	MOUNT HOLYOKE C. MA	139	1.8	20
31	INDIANA U.	128	0.5	20
32	U. OF WASHINGTON	122	0.4	20
33	SWARTHMORE C. PA	121	5.6	20
34	BROWN-PEMBROKE RI	118	2.4	20
35	SYRACUSE U. NY	116	0.6	20
36	U. OF ROCHESTER NY	115	1.6	20
37	U. OF MARYLAND	114	0.4	20
38	BRANDEIS U. MA	112	2.9	19
39	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	108	1.3	20
40	U. OF FLORIDA	100	0.5	20
	GEORGE WASHINGTON U. DC	100	1.1	20
	WAYNE STATE U. MI	100	0.4	20
43	BRYN MAWR C. PA	99	2.9	20
44	DUKE U. NC	98	1.2	20

TOP 5% IN SOCIAL SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN SOCIAL SCIENCE TOTAL 1961-80	WOMEN SOCIAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
	FLORIDA STATE U.	98	0.4	20
	U. OF KANSAS	98	0.6	20
	U. OF PITTSBURGH PA	98	0.6	20
48	TEMPLE U. PA	91	0.5	20
49	ANTIOCH C. OH	90	3.0	20
50	WASHINGTON U. MO	87	1.1	20
51	CASE WESTERN RESERVE U. OH	85	1.5	20
52	U. OF NORTH CAROLINA	84	0.6	20
53	U. OF IOWA	81	0.4	20
54	SUNY: U. AT BUFFALO	80	0.7	20
55	U. OF ARIZONA	76	0.4	20
	SUNY: U. AT STONY BROOK	76	1.8	10
57	SAN DIEGO STATE U. CA	75	0.3	20
58	PURDUE U. IN	73	0.4	20
59	MIAMI U. OH	72	0.4	20
60	U. OF SOUTHERN CALIFORNIA	71	0.6	20

TABLE 30

TOP 5% IN ALL-SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN ALL-SCIENCE TOTAL 1961-80	WOMEN ALL-SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
1	U. OF CALIFORNIA-BERKELEY	772	2.2	20
2	U. OF MICHIGAN	627	1.8	20
3	CORNELL U. NY	579	4.3	20
4	BARNARD C. NY	522	6.3	20
5	CUNY:BROOKLYN C. NY	513	1.7	20
6	U. OF CALIFORNIA-LOS ANGELES	491	1.5	20
7	CUNY:HUNTER C.	466	1.7	20
8	HARVARD-RADCLIFFE MA	459	7.7	20
9	U. OF WISCONSIN	413	1.2	20
10	WELLESLEY C. MA	411	5.0	20
11	U. OF ILLINOIS	390	1.4	20
12	CUNY:CITY C. NY	380	2.4	20
13	U. OF TEXAS	375	1.1	20
14	STANFORD U. CA	373	3.7	20
15	U. OF CHICAGO IL	361	10.5	20
16	NEW YORK U.	359	1.9	20
17	U. OF MINNESOTA	326	0.9	20
	SMITH C. MA	326	3.1	20
19	RUTGERS U. NJ [ALL CAMPUSES]	320	1.5	20
20	MOUNT HOLYOKE C. MA	317	4.2	20
21	MICHIGAN STATE U.	301	0.7	20
22	CUNY:QUEENS C. NY	297	1.2	20

TOP 5% IN ALL-SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN ALL-SCIENCE TOTAL 1961-80	WOMEN ALL-SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
23	VASSAR C. NY	285	4.1	20
24	PENNSYLVANIA STATE U.	278	0.9	20
25	OHIO STATE U.	277	0.7	20
	U. OF PENNSYLVANIA	277	2.4	20
27	OBERLIN C. OH	251	5.0	20
28	NORTHWESTERN U. IL	250	1.9	20
29	U. OF COLORADO	240	1.1	20
30	BRYN MAWR C. PA	238	7.1	20
31	U. OF ROCHESTER NY	227	3.1	20
32	U. OF WASHINGTON	223	0.8	20
33	SWARTHMORE C. PA	219	10.1	20
34	BOSTON U. MA	217	0.8	20
35	U. OF MARYLAND	208	0.7	20
36	BROWN-PEMBROKE RI	205	4.1	20
37	INDIANA U.	204	0.7	20
38	DUKE U. NC	194	2.5	20
39	SYRACUSE U. NY	184	1.0	20
40	U. OF PITTSBURGH PA	183	1.2	20
41	BRANDEIS U. MA	178	4.7	19
42	PURDUE U. IN	177	1.0	20
43	U. OF FLORIDA	171	0.8	20
44	U. OF KANSAS	167	1.0	20

TOP 5% IN ALL-SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN ALL-SCIENCE TOTAL 1961-80	WOMEN ALL-SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
45	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	164	2.0	20
46	WAYNE STATE U. MI	158	0.6	20
47	GEORGE WASHINGTON U. DC	154	1.7	20
	SUNY: U. AT BUFFALO	154	1.3	20
49	U. OF CALIFORNIA-DAVIS	152	1.2	20
50	CASE WESTERN RESERVE U. OH	149	2.6	20
51	WASHINGTON U. MO	148	1.9	20
52	FLORIDA STATE U.	144	0.6	20
53	U. OF MASSACHUSETTS	139	0.8	20
	TUFTS U. MA	139	2.3	20
55	ANTIOCH C. OH	136	4.5	20
	TEMPLE U. PA	136	0.7	20
57	POMONA C. CA	133	5.6	20
58	U. OF CONNECTICUT	129	0.7	20
59	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	128	15.0	20
60	U. OF NORTH CAROLINA	125	0.9	20

TABLE 31

TOP 5% IN ALL-FIELDS
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN ALL-FIELDS TOTAL 1961-80	WOMEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
1	U. OF CALIFORNIA-BERKELEY	1379	3.9	20
2	U. OF MICHIGAN	1290	3.7	20
3	CUNY:HUNTER C.	1195	4.5	20
4	U. OF CALIFORNIA-LOS ANGELES	1057	3.2	20
5	BARNARD C. NY	1044	12.6	20
	CUNY:BROOKLYN C. NY	1044	3.5	20
7	CORNELL U. NY	935	7.0	20
8	U. OF WISCONSIN	926	2.7	20
9	HARVARD-RADCLIFFE MA	907	15.3	20
10	WELLESLEY C. MA	891	10.9	20
11	U. OF ILLINOIS	853	3.0	20
12	U. OF TEXAS	838	2.4	20
13	NEW YORK U.	796	4.3	20
14	U. OF MINNESOTA	784	2.2	20
	SMITH C. MA	784	7.4	20
16	STANFORD U. CA	723	7.2	20
17	OHIO STATE U.	719	1.9	20
18	CUNY:QUEENS C. NY	674	2.6	20
19	CUNY:CITY C. NY	652	4.1	20
20	MICHIGAN STATE U.	647	1.5	20
21	U. OF CHICAGO IL	645	18.8	20
22	INDIANA U.	597	2.1	20
23	RUTGERS U. NJ [ALL CAMPUSES]	594	2.9	20

TOP 5% IN ALL-FIELDS
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN ALL-FIELDS TOTAL 1961-80	WOMEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
24	VASSAR C. NY	592	8.6	20
25	BOSTON U. MA	579	2.1	20
26	NORTHWESTERN U. IL	577	4.3	20
27	U. OF PENNSYLVANIA	570	5.0	20
28	MOUNT HOLYOKE C. MA	563	7.4	20
29	PENNSYLVANIA STATE U.	535	1.7	20
30	WAYNE STATE U. MI	527	2.0	20
31	BRYN MAWR C. PA	517	15.4	20
32	FLORIDA STATE U.	507	2.0	20
33	OBERLIN C. OH	506	10.1	20
34	U. OF WASHINGTON	493	1.7	20
35	U. OF PITTSBURGH PA	464	3.0	20
36	U. OF COLORADO	445	2.0	20
37	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	442	5.5	20
38	U. OF ROCHESTER NY	436	6.0	20
39	SYRACUSE U. NY	432	2.4	20
40	U. OF MARYLAND	404	1.4	20
41	U. OF FLORIDA	393	1.9	20
42	DUKE U. NC	392	5.0	20
43	SWARTHMORE C. PA	385	17.7	20
44	U. OF KANSAS	375	2.2	20
45	TEMPLE U. PA	369	1.9	20
46	BROWN-PEMBROKE RI	361	7.2	20

TOP 5% IN ALL-FIELDS
TOTAL NUMBERS OF PH.D.'S FOR WOMEN

RANK	INSTITUTION	WOMEN ALL-FIELDS TOTAL 1961-80	WOMEN ALL-FIELDS RATIO	NO. YEARS FOR PHD AVERAGE FOR WOMEN
47	U. OF IOWA	340	1.9	20
48	SUNY: U. AT BUFFALO	331	2.7	20
49	PURDUE U.	327	1.9	20
50	CASE WESTERN RESERVE U. OH	325	5.7	20
	U. OF MISSOURI	325	1.6	20
52	U. OF ALABAMA	320	2.3	20
53	BRANDEIS U. MA	305	8.0	19
54	U. OF OKLAHOMA	302	2.2	20
	WASHINGTON U. MO	302	3.8	20
56	LOUISIANA STATE U. & A & M	299	2.0	20
57	U. OF UTAH	298	2.4	20
58	MIAMI U. OH	283	1.5	20
59	U. OF NORTH CAROLINA	280	1.9	20
60	U. OF ARIZONA	276	1.6	20

Tables 32-37

Total Numbers of Ph.D.'s

Leading Institutions for Totals for Men

TABLE 32

TOP 5% IN HUMANITIES
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN HUMANITIES TOTAL 1961-80	MEN HUMANITIES RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
1	HARVARD-RADCLIFFE MA	1156	5.1	20
2	YALE U. CT	826	4.3	20
3	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	782	4.1	20
4	U. OF CALIFORNIA-BERKELEY	667	1.3	20
5	U. OF MICHIGAN	621	1.4	20
6	PRINCETON U. NJ	583	4.0	20
7	U. OF CALIFORNIA-LOS ANGELES	530	1.3	20
8	CUNY:CITY C. NY	504	1.3	20
9	STANFORD U. CA	499	2.6	20
10	CUNY:BROOKLYN C. NY	453	1.9	20
11	U. OF WISCONSIN	431	0.9	20
12	U. OF TEXAS	406	0.8	20
13	U. OF MINNESOTA	404	0.7	20
14	OBERLIN C. OH	398	7.3	20
15	U. OF CHICAGO IL	382	6.8	20
16	U. OF ILLINOIS	365	0.7	20
17	FORDHAM U. NY	361	2.0	20
18	DARTMOUTH C. NH	359	2.5	20
19	NEW YORK U.	355	1.1	20
20	U. OF NORTH CAROLINA	336	1.3	20
21	NORTHWESTERN U. IL	335	1.9	20
22	RUTGERS U. NJ [ALL CAMPUSES]	331	0.8	20

TOP 5% IN HUMANITIES
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN HUMANITIES TOTAL 1961-80	MEN HUMANITIES RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
23	U. OF NOTRE DAME IN	329	1.2	20
24	CORNELL U. NY	326	1.2	20
25	AMHERST C. MA	311	5.7	20
26	BRIGHAM YOUNG U. UT	307	1.0	20
27	U. OF WASHINGTON	304	0.6	20
28	U. OF PENNSYLVANIA	291	1.4	20
29	CUNY:QUEENS C. NY	288	1.6	20
30	U. OF ROCHESTER NY	274	2.6	20
31	OHIO STATE U.	271	0.5	20
32	U. OF UTAH	266	1.1	20
33	INDIANA U.	265	0.8	20
34	BOSTON C. MA	257	1.3	20
35	WAYNE STATE U. MI	255	0.9	20
36	MICHIGAN STATE U.	249	0.4	20
37	BROWN-PEMBROKE RI	244	2.0	20
38	BAYLOR U. TX	230	2.1	20
39	BOSTON U. MA	226	1.0	20
40	SAINT LOUIS U. MO	218	1.6	20
41	DUKE U. NC	216	1.9	20
42	U. OF KANSAS	212	0.9	20
43	WESLEYAN U. CT	207	4.4	20
44	U. OF IOWA	205	0.9	20

TOP 5% IN HUMANITIES
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN HUMANITIES TOTAL 1961-80	MEN HUMANITIES RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
45	LOYOLA U. IL	204	1.5	20
46	U. OF COLORADO	203	0.7	20
47	WILLIAMS C. MA	201	3.6	20
48	GEORGETOWN U. DC	200	1.6	20
49	U. OF CALIFORNIA-SANTA BARBARA	193	1.3	20
	PENNSYLVANIA STATE U.	193	0.3	20
	WHEATON C. IL	193	4.4	20
52	C. OF THE HOLY CROSS MA	188	2.0	20
53	U. OF MARYLAND	187	0.4	20
54	U. OF VIRGINIA	179	1.1	20
55	U. OF MISSOURI	175	0.5	20
56	DAVIDSON C. NC	168	3.8	20
57	U. OF OKLAHOMA	164	0.7	20
58	SWARTHMORE C. PA	163	6.6	20
59	JOHNS HOPKINS U. MD	162	1.5	20
	TEMPLE U. PA	162	0.7	20

TABLE 33

TOP 5% IN EMPIRICAL SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN EMPIRICAL SCIENCE TOTAL 1961-80	MEN EMPIRICAL SCIENCE RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
1	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	3651	22.0	20
2	U. OF CALIFORNIA-BERKELEY	2246	4.4	20
3	U. OF ILLINOIS	1845	3.3	20
4	CUNY:CITY C. NY	1638	4.1	20
5	U. OF MICHIGAN	1601	3.7	20
6	CORNELL U. NY	1426	5.4	20
7	PURDUE U. IN	1396	3.2	20
8	RENSSELAER POLYTECHNIC INSTITUTE NY	1328	9.6	20
9	U. OF TEXAS	1262	2.4	20
10	U. OF WISCONSIN	1243	2.6	20
11	CALIFORNIA INSTITUTE OF TECHNOLOGY	1179	39.5	20
12	HARVARD-RADCLIFFE MA	1174	5.2	20
13	PENNSYLVANIA STATE U.	1167	1.9	20
14	U. OF CALIFORNIA-LOS ANGELES	1165	2.9	20
15	U. OF MINNESOTA	990	1.8	20
16	CASE WESTERN RESERVE U. OH	981	8.8	20
17	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	955	5.0	20
18	CARNEGIE-MELLON U. PA	922	9.8	20
19	IOWA STATE U. OF SCIENCE & TECHNOLOGY	914	3.1	20
20	STANFORD U. CA	874	4.5	20

TOP 5% IN EMPIRICAL SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN EMPIRICAL SCIENCE TOTAL 1961-80	MEN EMPIRICAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
21	PRINCETON U. NJ	855	5.8	20
22	U. OF WASHINGTON	842	1.8	20
23	GEORGIA INSTITUTE OF TECHNOLOGY	801	3.7	20
24	OHIO STATE U.	777	1.5	20
25	U. OF NOTRE DAME IN	741	2.8	20
26	POLYTECHNIC INSTITUTE OF NEW YORK	740	9.2	20
27	RUTGERS U. NJ [ALL CAMPUSES]	739	1.8	20
28	RICE U. TX	731	11.3	20
29	YALE U. CT	670	3.5	20
30	MICHIGAN STATE U.	662	1.1	20
31	U. OF UTAH	644	2.7	20
32	LEHIGH U. PA	630	4.8	20
33	CUNY:BROOKLYN C. NY	617	2.5	20
34	NORTH CAROLINA STATE U.	607	2.4	20
35	DREXEL U. PA	596	3.8	20
36	U. OF FLORIDA	595	1.7	20
37	NEW YORK U.	588	1.9	20
38	ILLINOIS INSTITUTE OF TECHNOLOGY	582	5.8	20
39	TEXAS A. & M. U.	573	1.8	20
40	U. OF KANSAS	569	2.4	20
41	U. OF COLORADO	561	1.9	20

TOP 5% IN EMPIRICAL SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN EMPIRICAL SCIENCE TOTAL 1961-80	MEN EMPIRICAL SCIENCE RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
42	U. OF CHICAGO IL	554	9.9	20
43	U. OF PENNSYLVANIA	537	2.5	20
44	VIRGINIA POLYTECHNIC INSTITUTE	533	2.0	20
45	U. OF MISSOURI-ROLLA	530	3.5	20
46	U. OF OKLAHOMA	508	2.1	20
47	NORTHWESTERN U. IL	507	2.9	20
48	JOHNS HOPKINS U. MD	506	4.8	20
49	BROWN-PEMBROKE RI	504	4.2	20
50	OKLAHOMA STATE U.	477	1.6	20
51	U. OF ROCHESTER NY	466	4.5	20
52	COOPER UNION NY	464	17.0	20
53	OREGON STATE U.	456	1.8	20
54	U. OF CINCINNATI OH	442	1.6	20
55	U. OF MARYLAND	437	1.0	20
56	LOUISIANA STATE U. & A & M	425	1.8	20
57	U. OF MISSOURI	421	1.2	20
58	BRIGHAM YOUNG U. UT	420	1.4	20
59	MANHATTAN C. NY	418	3.1	20
60	DARTMOUTH C. NH	406	2.8	20

TABLE 34

TOP 5% IN LIFE SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN LIFE SCIENCE TOTAL 1961-80	MEN LIFE SCIENCE RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
1	U. OF CALIFORNIA-BERKELEY	933	1.8	20
2	U. OF ILLINOIS	927	1.7	20
3	CORNELL U. NY	837	3.2	20
4	U. OF WISCONSIN	831	1.8	20
5	U. OF MINNESOTA	747	1.4	20
6	PENNSYLVANIA STATE U.	721	1.2	20
7	MICHIGAN STATE U.	708	1.2	20
8	OHIO STATE U.	677	1.3	20
9	PURDUE U. IN	640	1.5	20
10	IOWA STATE U. OF SCIENCE & TECHNOLOGY	638	2.2	20
11	RUTGERS U. NJ [ALL CAMPUSES]	598	1.5	20
12	COLORADO STATE U.	578	2.8	20
13	U. OF CALIFORNIA-DAVIS	540	3.8	20
14	U. OF MICHIGAN	527	1.2	20
15	OKLAHOMA STATE U.	525	1.8	20
16	TEXAS A. & M. U.	490	1.5	20
17	U. OF CALIFORNIA-LOS ANGELES	489	1.2	20
18	HARVARD-RADCLIFFE MA	453	2.0	20
19	U. OF MISSOURI	437	1.3	20
20	KANSAS STATE U.	416	1.9	20
21	CUNY:CITY C. NY	412	1.0	20
22	UTAH STATE U.	397	2.5	20

TOP 5% IN LIFE SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN LIFE SCIENCE TOTAL 1961-80	MEN LIFE SCIENCE RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
23	U. OF MARYLAND	389	0.9	20
24	U. OF NEBRASKA	372	1.5	20
25	U. OF TEXAS	370	0.7	20
26	U. OF FLORIDA	359	1.1	20
27	U. OF GEORGIA	356	1.2	20
28	OREGON STATE U.	354	1.4	20
29	U. OF WASHINGTON	349	0.7	20
30	CUNY:BROOKLYN C. NY	329	1.4	20
31	BRIGHAM YOUNG U. UT	325	1.0	20
32	U. OF MASSACHUSETTS	312	1.3	20
33	NORTH CAROLINA STATE U.	311	1.2	20
34	WASHINGTON STATE U.	301	1.5	20
35	LOUISIANA STATE U. & A & M	294	1.2	20
36	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	290	1.5	20
37	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	289	1.7	20
38	U. OF UTAH	280	1.2	20
39	U. CONNECTICUT	274	1.2	20
40	U. OF CHICAGO IL	266	4.7	20
41	TEXAS TECH U.	254	1.0	20
42	STANFORD U. CA	250	1.3	20
43	YALE U. CT	249	1.3	20

TOP 5% IN LIFE SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN LIFE SCIENCE TOTAL 1961-80	MEN LIFE SCIENCE RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
44	WEST VIRGINIA U.	245	1.2	20
45	JOHNS HOPKINS U. MD	244	2.3	20
	U. OF TENNESSEE	244	0.9	20
47	SOUTHERN ILLINOIS U.	241	0.8	20
48	AUBURN U. AL	236	0.8	20
49	INDIANA U.	229	0.7	20
50	U. OF CALIFORNIA-SANTA BARBARA	228	1.5	20
51	MISSISSIPPI STATE U.	223	1.1	20
52	U. OF ARKANSAS	219	1.3	20
53	U. OF KENTUCKY	218	1.1	20
54	U. OF KANSAS	215	0.9	20
55	U. OF MAINE	212	1.5	20
56	U. OF IDAHO	211	1.7	20
57	U. OF ARIZONA	208	0.8	20
58	NEW YORK U.	204	0.7	20
59	VIRGINIA POLYTECHNIC INSTITUTE	197	0.8	20
60	U. OF PITTSBURGH PA	195	0.8	20

TABLE 35

TOP 5% IN SOCIAL SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN SOCIAL SCIENCE TOTAL 1961-80	MEN SOCIAL SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
1	CUNY:CITY C. NY	1225	3.1	20
2	U. OF CALIFORNIA-BERKELEY	1166	2.3	20
3	HARVARD-RADCLIFFE MA	1022	4.5	20
4	CUNY:BROOKLYN C. NY	863	3.5	20
5	U. OF CALIFORNIA-LOS ANGELES	862	2.2	20
6	U. OF MICHIGAN	798	1.8	20
7	U. OF ILLINOIS	672	1.2	20
8	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	656	3.5	20
9	U. OF WISCONSIN	637	1.3	20
10	U. OF MINNESOTA	610	1.1	20
11	YALE U. CT	589	3.1	20
12	CORNELL U. NY	581	2.2	20
13	U. OF TEXAS	567	1.1	20
14	NEW YORK U.	527	1.7	20
15	STANFORD U. CA	524	2.7	20
16	MICHIGAN STATE U.	501	0.8	20
17	BRIGHAM YOUNG U. UT	494	1.6	20
18	OHIO STATE U.	484	0.9	20
19	PENNSYLVANIA STATE U.	479	0.8	20
20	CUNY:QUEENS C. NY	475	2.7	20
21	U. OF CHICAGO IL	471	8.4	20
22	U. OF WASHINGTON	464	1.0	20

TOP 5% IN SOCIAL SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN SOCIAL SCIENCE TOTAL 1961-80	MEN SOCIAL SCIENCE RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
23	RUTGERS U. NJ [ALL CAMPUSES]	447	1.1	20
24	PRINCETON U. NJ	395	2.7	20
25	U. OF COLORADO	382	1.3	20
26	OBERLIN C. OH	376	6.9	20
27	U. OF PENNSYLVANIA	374	1.7	20
28	DARTMOUTH C. NH	368	2.5	20
29	U. OF UTAH	359	1.5	20
30	INDIANA U.	343	1.0	20
	NORTHWESTERN U. IL	343	2.0	20
32	U. OF MARYLAND	328	0.7	20
33	WAYNE STATE U. MI	323	1.1	20
34	U. OF FLORIDA	317	0.9	20
35	U. OF NOTRE DAME IN	314	1.2	20
36	SAN DIEGO STATE U. CA	305	0.9	20
37	U. OF MISSOURI	287	0.8	20
38	BROWN-PEMBROKE RI	286	2.4	20
39	U. OF IOWA	281	1.2	20
	SYRACUSE U. NY	281	1.3	20
41	U. OF KANSAS	280	1.2	20
42	SUNY: U. AT BUFFALO	278	1.2	20
	TEMPLE U. PA	278	1.3	20
44	FLORIDA STATE U.	277	1.1	20

TOP 5% IN SOCIAL SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN SOCIAL SCIENCE TOTAL 1961-80	MEN SOCIAL SCIENCE RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
	SAN JOSE STATE U. CA	277	0.7	20
46	SAN FRANCISCO STATE U. CA	273	1.0	20
47	U. OF NORTH CAROLINA	270	1.0	20
48	FORDHAM U. NY	269	1.5	20
	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	269	1.6	20
50	PURDUE U. IN	267	0.6	20
51	IOWA STATE U. OF SCIENCE & TECHNOLOGY	259	0.9	20
52	U. OF OKLAHOMA	257	1.1	20
	U. OF OREGON	257	1.3	20
54	U. CALIFORNIA-SANTA BARBARA	253	1.7	20
55	U. OF SOUTHERN CALIFORNIA	252	1.1	20
56	U. OF PITTSBURGH PA	246	1.0	20
57	BOSTON U. MA	239	1.0	20
58	CALIFORNIA STATE U.-LOS ANGELES	235	0.9	20
59	MIAMI U. OH	228	1.2	20
60	SOUTHERN ILLINOIS U.	224	0.7	20

TABLE 36

TOP 5% IN ALL-SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN ALL-SCIENCE TOTAL 1961-80	MEN ALL-SCIENCE RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
1	U. OF CALIFORNIA-BERKELEY	4345	8.5	20
2	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	4209	25.4	20
3	U. OF ILLINOIS	3444	6.2	20
4	CUNY:CITY C. NY	3275	8.2	20
5	U. OF MICHIGAN	2926	6.7	20
6	CORNELL U. NY	2844	10.7	20
7	U. OF WISCONSIN	2711	5.7	20
8	HARVARD-RADCLIFFE MA	2649	11.7	20
9	U. OF CALIFORNIA-LOS ANGELES	2516	6.3	20
10	PENNSYLVANIA STATE U.	2367	4.0	20
11	U. OF MINNESOTA	2347	4.3	20
12	PURDUE U. IN	2303	5.3	20
13	U. OF TEXAS	2199	4.1	20
14	OHIO STATE U.	1938	3.7	20
15	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	1901	10.0	20
16	MICHIGAN STATE U.	1871	3.2	20
17	IOWA STATE U. OF SCIENCE & TECHNOLOGY	1811	6.1	20
18	CUNY:BROOKLYN C. NY	1809	7.4	20
19	RUTGERS U. NJ [ALL CAMPUSES]	1784	4.5	20
20	U. OF WASHINGTON	1655	3.5	20
21	STANFORD U. CA	1648	8.5	20

TOP 5% IN ALL-SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN ALL-SCIENCE TOTAL 1961-80	MEN ALL-SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
22	RENSSELAER POLYTECHNIC INSTITUTE NY	1554	11.2	20
23	YALE U. CT	1508	7.9	20
24	PRINCETON U. NJ	1433	9.8	20
25	CALIFORNIA INSTITUTE OF TECHNOLOGY	1391	46.6	20
26	NEW YORK U.	1319	4.2	20
27	U. OF CHICAGO IL	1291	23.0	20
28	CASE WESTERN RESERVE U. OH	1283	11.5	20
	U. OF UTAH	1283	5.3	20
30	U. OF FLORIDA	1271	3.7	20
31	BRIGHAM YOUNG U. UT	1239	4.0	20
32	U. OF NOTRE DAME IN	1218	4.6	20
33	TEXAS A. & M. U.	1184	3.7	20
34	OKLAHOMA STATE U.	1164	4.0	20
35	U. OF MARYLAND	1154	2.6	20
36	U. OF MISSOURI	1145	3.3	20
37	U. COLORADO	1134	3.9	20
38	U. OF PENNSYLVANIA	1102	5.1	20
39	U. OF KANSAS	1064	4.6	20
40	CARNEGIE-MELLON U. PA	1046	11.2	20
41	NORTH CAROLINA STATE U.	1006	4.0	20
42	NORTHWESTERN U. IL	1001	5.8	20

TOP 5% IN ALL-SCIENCE
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN ALL-SCIENCE TOTAL 1961-80	MEN ALL-SCIENCE RATIO	NO. YEARS FOR PHD AVERAGE FOR MEN
43	JOHNS HOPKINS U. MD	967	9.1	20
44	U. OF NEBRASKA	957	3.9	20
45	BROWN-PEMBROKE RI	943	7.9	20
46	GEORGIA INSTITUTE OF TECHNOLOGY	940	4.3	20
47	RICE U. TX	938	14.5	20
48	DARTMOUTH C. NH	933	6.4	20
49	COLORADO STATE U.	914	4.4	20
50	LOUISIANA STATE U. & A & M	903	3.8	20
51	U. OF CALIFORNIA-DAVIS	902	6.4	20
	KANSAS STATE U.	902	4.1	20
53	CUNY:QUEENS C. NY	895	5.1	20
	U. OF OKLAHOMA	895	3.7	20
55	OREGON STATE U.	884	3.5	20
56	WAYNE STATE U. MI	849	2.9	20
57	INDIANA U.	846	2.5	20
58	U. OF ROCHESTER NY	843	8.1	20
59	U. OF PITTSBURGH PA	835	3.3	20
60	LEHIGH U. PA	816	6.3	20

TABLE 37

TOP 5% IN ALL-FIELDS
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN ALL-FIELDS TOTAL 1961-80	MEN ALL-FIELDS RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
1	U. OF CALIFORNIA-BERKELEY	5592	11.0	20
2	U. OF ILLINOIS	4558	8.2	20
3	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	4483	27.1	20
4	CUNY:CITY C. NY	4437	11.1	20
5	HARVARD-RADCLIFFE MA	4173	18.4	20
6	U. OF MICHIGAN	4146	9.5	20
7	U. OF WISCONSIN	3827	8.1	20
8	U. OF CALIFORNIA-LOS ANGELES	3690	9.2	20
9	CORNELL U. NY	3449	13.0	20
	U. OF MINNESOTA	3449	6.3	20
11	PENNSYLVANIA STATE U.	3220	5.4	20
12	U. OF TEXAS	3142	5.9	20
13	OHIO STATE U.	3037	5.8	20
14	COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	2960	15.6	20
15	MICHIGAN STATE U.	2809	4.8	20
16	PURDUE U. IN	2798	6.5	20
17	CUNY:BROOKLYN C. NY	2777	11.4	20
18	YALE U. CT	2586	13.5	20
19	RUTGERS U. NJ [ALL CAMPUSES]	2456	6.1	20
20	STANFORD U. CA	2422	12.4	20
21	BRIGHAM YOUNG U. UT	2365	7.6	20
22	U. OF WASHINGTON	2312	4.9	20

TOP 5% IN ALL-FIELDS
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN ALL-FIELDS TOTAL 1961-80	MEN ALL-FIELDS RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
23	NEW YORK U.	2203	7.1	20
24	PRINCETON U. NJ	2190	15.0	20
25	U. OF UTAH	2107	8.7	20
26	IOWA STATE U. OF SCIENCE & TECHNOLOGY	2103	7.1	20
27	U. OF FLORIDA	1971	5.8	20
28	U. OF CHICAGO IL	1839	32.7	20
29	U. OF MISSOURI	1767	5.1	20
30	INDIANA U.	1758	5.3	20
31	U. OF NOTRE DAME IN	1755	6.6	20
32	U. OF MARYLAND	1698	3.8	20
33	WAYNE STATE U. MI	1686	5.8	20
34	RENSSELAER POLYTECHNIC INSTITUTE NY	1657	12.0	20
35	OKLAHOMA STATE U.	1635	5.7	20
36	NORTHWESTERN U. IL	1626	9.4	20
37	U. OF COLORADO	1620	5.5	20
38	U. OF PENNSYLVANIA	1596	7.4	20
39	U. OF KANSAS	1593	6.9	20
40	CASE WESTERN RESERVE U. OH	1542	13.8	20
41	U. OF NEBRASKA	1538	6.2	20
42	DARTMOUTH C. NH	1477	10.2	20
43	TEXAS A. & M. U.	1449	4.5	20
44	CALIFORNIA INSTITUTE OF TECHNOLOGY	1421	47.7	20

TOP 5% IN ALL-FIELDS
TOTAL NUMBERS OF PH.D.'S FOR MEN

RANK	INSTITUTION	MEN ALL-FIELDS TOTAL 1961-80	MEN ALL-FIELDS RATIO	NO.YEARS FOR PHD AVERAGE FOR MEN
45	CUNY:QUEENS C. NY	1399	8.0	20
46	U. OF NORTH CAROLINA	1379	5.3	20
47	OBERLIN C. OH	1359	24.9	20
48	U. OF OKLAHOMA	1324	5.5	20
49	BROWN-PEMBROKE RI	1307	11.0	20
	U. OF IOWA	1307	5.7	20
51	LOUISIANA STATE U. & A & M	1289	5.4	20
52	U. OF ROCHESTER NY	1283	12.3	20
53	U. OF PITTSBURGH PA	1267	5.0	20
54	SUNY: U. AT BUFFALO	1245	5.5	20
55	SOUTHERN ILLINOIS U.	1237	3.9	20
56	TEMPLE U. PA	1206	5.5	20
57	FLORIDA STATE U.	1204	4.6	20
58	JOHNS HOPKINS U. MD	1203	11.3	20
59	UTAH STATE U.	1201	7.5	20
60	CARNEGIE-MELLON U. PA	1194	12.7	20

TABLE 38

TOP 5% FOR TOTAL PH.D. PRODUCTIVITY IN AT LEAST ONE FIELD
AND TOP 5% FOR RATIOS IN AT LEAST ONE FIELD
RANKINGS FOR MEN AND WOMEN

INSTITUTION

BROWN-PEMBROKE RI

U. OF CALIFORNIA-BERKELEY

U. OF CALIFORNIA-DAVIS

CARNEGIE-MELLON U. PA

CASE WESTERN RESERVE U. OH

U. OF CHICAGO IL

CUNY:BROOKLYN C. NY

CUNY:CITY C. NY

COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]

CORNELL U. NY

HARVARD-RADCLIFFE MA

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

U. OF MICHIGAN

OBERLIN C. OH

RICE U. TX

U. OF ROCHESTER NY

STANFORD U. CA

SWARTHMORE C. PA

TABLE 39

TOP 5% FOR TOTAL PH.D. PRODUCTIVITY IN AT LEAST ONE FIELD
AND TOP 5% FOR RATIOS IN AT LEAST ONE FIELD
RANKINGS FOR WOMEN

INSTITUTION	COED STATUS 1966
AGNES SCOTT C. GA	WOMEN
ANTIOCH C. OH	
BARNARD C. NY	W/COORD
BRANDEIS U. MA	
BROWN-PEMBROKE RI	M/W COORD
BRYN MAWR C. PA	WOMEN
BUCKNELL U. PA	
U. OF CALIFORNIA-BERKELEY	
U. OF CALIFORNIA-DAVIS	
CARLETON C. MN	
CARNEGIE-MELLON U. PA	
CASE WESTERN RESERVE U. OH	
CHESTNUT HILL C. PA	WOMEN
U. OF CHICAGO IL	
CUNY:BROOKLYN C. NY	
CUNY:CITY C. NY	
CUNY:HUNTER C.	
COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	
CONNECTICUT C.	WOMEN
CORNELL U. NY	
DUKE U. NC	

TOP 5% FOR TOTAL PH.D. PRODUCTIVITY IN AT LEAST ONE FIELD
AND TOP 5% FOR RATIOS IN AT LEAST ONE FIELD
RANKINGS FOR WOMEN

INSTITUTION	COED STATUS 1966
GEORGE WASHINGTON U. DC	
GOUCHER C. MD	WOMEN
HARVARD-RADCLIFFE MA	M/W COORD
MANHATTANVILLE C. NY	WOMEN
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
U. OF MICHIGAN	
MOUNT HOLYOKE C. MA	WOMEN
C. OF NEW ROCHELLE NY	WOMEN
NEW YORK U.	
NORTHWESTERN U. IL	
NOTRE DAME C. OH	WOMEN
OBERLIN C. OH	
U. OF PENNSYLVANIA	
POMONA C. CA	
REED C. OR	
RICE U. TX	
U. OF ROCHESTER NY	
SARAH LAWRENCE C. NY	WOMEN
SIMMONS C. MA	WOMEN
SMITH C. MA	WOMEN
STANFORD U. CA	

TOP 5% FOR TOTAL PH.D. PRODUCTIVITY IN AT LEAST ONE FIELD
AND TOP 5% FOR RATIOS IN AT LEAST ONE FIELD
RANKINGS FOR WOMEN

INSTITUTION	COED STATUS 1966
SUNY: U. AT BINGHAMTON	
SUNY: U. AT STONY BROOK	
SWARTHMORE C. PA	
TUFTS U. MA	
TULANE U. OF LOUISIANA	
VASSAR C. NY	WOMEN
WASHINGTON U. MO	
WELLESLEY C. MA	WOMEN
C. OF WOOSTER OH	

TABLE 40

TOP 5% FOR TOTAL PH.D. PRODUCTIVITY IN AT LEAST ONE FIELD
AND TOP 5% FOR RATIOS IN AT LEAST ONE FIELD
RANKINGS FOR MEN

INSTITUTION	COED STATUS 1966
AMHERST C. MA	MEN
BROWN-PEMBROKE RI	M/W COORD
CALIFORNIA INSTITUTE OF TECHNOLOGY	MEN
U. OF CALIFORNIA-BERKELEY	
U. OF CALIFORNIA-DAVIS	
CARNEGIE-MELLON U. PA	
CASE WESTERN RESERVE U. OH	
U. OF CHICAGO IL	
CUNY:BROOKLYN C. NY	
CUNY:CITY C. NY	
CUNY:QUEENS C. NY	
COLORADO STATE U.	
COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	
COOPER UNION NY	
CORNELL U. NY	
DARTMOUTH C. NH	MEN
DAVIDSON C. NC	MEN
DREXEL U. PA	
GEORGIA INSTITUTE OF TECHNOLOGY	
HARVARD-RADCLIFFE MA	M/W COORD
ILLINOIS INSTITUTE OF TECHNOLOGY	

TOP 5% FOR TOTAL PH.D. PRODUCTIVITY IN AT LEAST ONE FIELD
AND TOP 5% FOR RATIOS IN AT LEAST ONE FIELD
RANKINGS FOR MEN

INSTITUTION	COED STATUS 1966
IOWA STATE U. OF SCIENCE & TECHNOLOGY	
JOHNS HOPKINS U. MD	MEN
KANSAS STATE U.	
LEHIGH U. PA	MEN
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
U. OF MICHIGAN	
OBERLIN C. OH	
OKLAHOMA STATE U.	
POLYTECHNIC INSTITUTE OF NEW YORK	
PRINCETON U. NJ	MEN
RENSSELAER POLYTECHNIC INSTITUTE NY	
RICE U. TX	
U. OF ROCHESTER NY	
STANFORD U. CA	
SWARTHMORE C. PA	
UTAH STATE U.	
WESLEYAN U. CT	MEN
WHEATON C. IL	
WILLIAMS C. MA	MEN
U. OF WISCONSIN	
YALE U. CT	MEN

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INSTITUTIONAL BACCALAUREATE DATA, 1956-1976

INSTITUTION	AVERAGE BACHELOR'S DEGREES MEN	WOMEN	COED STATUS 1966
AGNES SCOTT C. GA	0	135	WOMEN
U. ALABAMA	1079	689	
ALBERTUS MAGNUS C. CT	0	95	WOMEN
ALBION C. MI	161	132	
ALFRED U. NY	198	105	
ALLEGHENY C. PA	170	131	
AMERICAN CONSERVATORY OF MUSIC IL	15	18	
AMHERST C. MA	274	9	MEN
ANDREWS U. MI	101	91	
ANTIOCH C. OH	165	150	
U. ARIZONA	1246	861	
U. ARKANSAS	864	463	
AUBURN U. AL	1450	665	
AUSTIN C. TX	95	67	
BARD C. NY	43	40	
BARNARD C. NY	0	414	W/COORD
BATES C. ME	119	95	
BAYLOR U. TX	556	516	
BELOIT C. WI	126	117	
BENNINGTON C. VT	10	74	WOMEN
BEREA C. KY	123	132	
BETHEL C. KS	54	42	
BIRMINGHAM-SOUTHERN C. AL	106	95	
BLACKBURN U. IL	42	40	
BOSTON C. MA	954	559	

INSTITUTIONAL BACCALAUREATE DATA, 1956-1976

INSTITUTION	AVERAGE BACHELOR'S DEGREES MEN	WOMEN	COED STATUS 1966
BOSTON U. MA	1169	1379	
BOWDOIN C. ME	203	39	MEN
BRANDEIS U. MA	205	200	
BRIDGEWATER C. VA	78	58	
BRIGHAM YOUNG U. UT	1549	1144	
BROWN U. RI	596	250	M/W COORD
BRYN MAWR C. PA	0	168	WOMEN
BUCKNELL U. PA	337	194	
CALIFORNIA INSTITUTE OF TECHNOLOGY	149	18	MEN
CALIFORNIA STATE U.-LOS ANGELES	1244	1015	
U. CALIFORNIA-BERKELEY	2548	1778	
U. CALIFORNIA-DAVIS	705	608	
U. CALIFORNIA-IRVINE	451	362	
U. CALIFORNIA-LOS ANGELES	2002	1661	
U. CALIFORNIA-RIVERSIDE	314	244	
U. CALIFORNIA-SAN DIEGO	364	225	
U. CALIFORNIA-SANTA BARBARA	761	688	
U. CALIFORNIA-SANTA CRUZ	360	325	
CALVIN C. MI	276	219	
CARLETON C. MN	156	119	
CARNEGIE-MELLON U. PA	469	187	
CARTHAGE C. WI	159	144	
CASE WESTERN RESERVE U. OH	557	287	
CATHOLIC U. OF AMERICA DC	242	187	
CENTRE C. OF KENTUCKY	69	47	

INSTITUTIONAL BACCALAUREATE DATA, 1956-1976

INSTITUTION	AVERAGE BACHELOR'S DEGREES MEN	WOMEN	COED STATUS 1966
CHAMINADE U. OF HONOLULU	119	31	
C. OF CHARLESTON SC	50	56	
CHATHAM C. PA	0	112	WOMEN
CHESTNUT HILL C. PA	0	195	WOMEN
U. OF CHICAGO IL	281	171	
U. OF CINCINNATI OH	1344	754	
CUNY:BROOKLYN C. NY	1217	1497	
CUNY:CITY C. NY	1992	796	
CUNY:HUNTER C.	366	1334	
CUNY:QUEENS C. NY	879	1290	
CLAREMONT MCKENNA C CA	130	0	MEN
CLARK U. MA	196	124	
CLARKSON C. OF TECHNOLOGY NY	378	12	
CLEVELAND INSTITUTE OF MUSIC OH	9	9	
COE C. IA	103	79	
COLORADO C.	171	127	
COLORADO SCHOOL OF MINES	188	6	
COLORADO STATE U.	1048	580	
U. COLORADO	1465	1110	
COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	950	403	
CONNECTICUT C.	69	260	WOMEN
U. CONNECTICUT	1140	871	
COOPER UNION NY	136	28	
CORNELL C. IA	88	72	
CORNELL U. NY	1328	677	

INSTITUTIONAL BACCALAUREATE DATA, 1956-1976

INSTITUTION	AVERAGE BACHELOR'S DEGREES MEN	WOMEN	COED STATUS 1966
CURTIS INSTITUTE OF MUSIC PA	7	5	
U. OF DALLAS TX	54	60	
DARTMOUTH C. NH	724	75	MEN
DAVIDSON C. NC	223	11	MEN
DELAWARE VALLEY C. OF SCIENCE & AG. PA	124	9	MEN
DENISON U. OH	202	172	
DEPAUW U. IN	239	222	
DICKINSON C. PA	184	112	
DREW U. NJ	94	91	
DREXEL U. PA	792	155	
DUKE U. NC	577	392	
EARLHAM C. IN	112	95	
ECKERD C. FL	73	78	
EMORY U. GA	313	241	
FISK U. TN	63	126	
FLORIDA STATE U.	1316	1249	
U. OF FLORIDA	1703	1026	
FORDHAM U. NY	891	344	
FRANKLIN & MARSHALL C. PA	311	78	MEN
GEORGE WASHINGTON U. DC	563	454	
GEORGETOWN U. DC	628	189	
GEORGIA INSTITUTE OF TECHNOLOGY	1092	20	
U. OF GEORGIA	1527	1012	
GOSHEN C. IN	94	130	
GOUCHER C. MD	0	194	WOMEN

INSTITUTIONAL BACCALAUREATE DATA, 1956-1976

INSTITUTION	AVERAGE BACHELOR'S DEGREES MEN	WOMEN	COED STATUS 1966
GREENSBORO C. NC	23	83	
GRINNELL C. IA	125	107	
GUSTAVUS ADOLPHUS C. MN	140	149	
HAMILTON C. NY	182	113	MEN
HANOVER C. IN	93	78	
HARVARD-RADCLIFFE MA	1136	297	M/W COORD
HARVEY MUDD C. CA	50	3	
HAVERFORD C. PA	126	0	MEN
HEBREW C. MA	8	13	
HENDRIX C. AR	87	58	
HIRAM C. OH	102	89	
HOBART & WM SMITH C. NY	195	84	M/W COORD
C. OF THE HOLY CROSS MA	468	63	MEN
HOPE C. MI	171	144	
HOUGHTON C. NY	91	110	
U. OF IDAHO	619	281	
ILLINOIS BENEDICTINE C.	89	25	MEN
ILLINOIS INSTITUTE OF TECHNOLOGY	503	22	
U. OF ILLINOIS	2774	1440	
INDIANA U.	1672	1403	
IOWA STATE U. OF SCIENCE & TECHNOLOGY	1473	704	
U. OF IOWA	1145	914	
JOHNS HOPKINS U. MD	531	66	MEN
JUILLIARD SCHOOL NY	48	35	
JUNIATA C. PA	113	84	

INSTITUTIONAL BACCALAUREATE DATA, 1956-1976

INSTITUTION	AVERAGE BACHELOR'S DEGREES MEN	WOMEN	COED STATUS 1966
KALAMAZOO C. MI	104	78	
KANSAS STATE U.	1093	611	
U. OF KANSAS	1162	860	
U. OF KENTUCKY	978	743	
KENYON C. OH	143	81	MEN
KING C. TN	30	21	
KNOX C. IL	135	99	
LAKE FOREST C. IL	115	90	
LAWRENCE U. WI	124	123	
LEHIGH U. PA	650	65	MEN
LOUISIANA STATE U. & A & M	1191	735	
LOYOLA U. IL	687	409	
MACALESTER C. MN	156	171	
MACMURRAY C. IL	71	87	M/W COORD
U. OF MAINE	727	500	
MANHATTAN C. NY	670	26	MEN
MANHATTANVILLE C. NY	10	204	WOMEN
MANNES C. OF MUSIC NY	13	10	
MARIETTA C. OH	186	112	
U. OF MARYLAND	2219	1415	
MARYVILLE C. TN	58	67	
MASSACHUSETTS C. OF PHARMACY	93	13	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	828	43	
U. OF MASSACHUSETTS	1201	918	
MIAMI U. OH	948	917	

INSTITUTIONAL BACCALAUREATE DATA, 1956-1976

INSTITUTION	AVERAGE BACHELOR'S DEGREES MEN	WOMEN	COED STATUS 1966
MICHIGAN STATE U.	2956	2177	
MICHIGAN TECHNOLOGICAL U.	568	31	
U. OF MICHIGAN	2173	1723	
MIDDLEBURY C. VT	189	139	
MILLS C. CA	0	156	WOMEN
MILLSAPS C. MS	92	80	
U. OF MINNESOTA	2731	1762	
MISSISSIPPI STATE U.	1045	308	
U. OF MISSOURI	1723	1007	
U. OF MISSOURI-ROLLA	755	28	
MOREHOUSE C. GA	134	0	MEN
MOUNT HOLYOKE C. MA	0	380	WOMEN
MUHLENBERG C. PA	179	104	
U. OF NEBRASKA	1238	797	
NEW C. OF THE U. OF SOUTH FLORIDA	58	45	
NEW ENGLAND CONSERVATORY OF MUSIC MA	29	32	
NEW MEXICO INSTITUTE OF MINING & TECH.	53	10	
C. OF NEW ROCHELLE NY	37	212	WOMEN
NEW SCHOOL FOR SOCIAL RESEARCH NY	23	24	
NEW YORK U.	1557	927	
U. NORTH CAROLINA	1300	729	
U. NORTH CAROLINA-ASHEVILLE	60	56	
U. NORTH CAROLINA-GREENSBORO	109	646	
NORTH CAROLINA STATE U.	1266	139	
NORTH CENTRAL C. IL	96	77	

INSTITUTIONAL BACCALAUREATE DATA, 1956-1976

INSTITUTION	AVERAGE BACHELOR'S DEGREES MEN	WOMEN	COED STATUS 1966
NORTHWESTERN U. IL	868	667	
NOTRE DAME C. OH	0	83	WOMEN
U. OF NOTRE DAME IN	1323	34	MEN
OBERLIN C. OH	273	252	
OCCIDENTAL C. CA	201	145	
OHIO DOMINICAN C.	46	92	
OHIO STATE U.	2630	1916	
OKLAHOMA STATE U.	1445	674	
U. OF OKLAHOMA	1206	693	
OREGON STATE U.	1264	644	
U. OF OREGON	997	764	
PARK C. MO	135	36	
PEABODY INSTITUTE MD	20	18	
PENNSYLVANIA STATE U.	2993	1555	
U. OF PENNSYLVANIA	1072	573	
PHILADELPHIA C. OF PHARMACY & SCIENCE PA	105	26	
PITTSBURGH U. OF PITTSBURGH PA	1270	763	
PITZER C. CA	26	94	WOMEN
POLYTECHNIC INSTITUTE OF NEW YORK	402	7	
POMONA C. CA	150	119	
PRINCETON U. NJ	732	151	MEN
PURDUE U.	2169	861	
RANDOLPH-MACON WOMAN'S C. VA	2	144	WOMEN
U. OF REDLANDS CA	171	181	
REED C. OR	91	55	

INSTITUTIONAL BACCALAUREATE DATA, 1956-1976

INSTITUTION	AVERAGE BACHELOR'S DEGREES MEN	WOMEN	COED STATUS 1966
REGIS C. CO	141	22	
RENSSELAER POLYTECHNIC INSTITUTE NY	691	24	
RHODES C. TN	88	80	
RICE U. TX	324	106	
U. OF ROCHESTER NY	523	365	
ROCKFORD C. IL	49	62	
ROSARY C. IL	15	166	WOMEN
ROSE-HULMAN INSTITUTE OF TECHNOLOGY IN	139	0	MEN
RUTGERS U. NJ [ALL CAMPUSES]	1999	1036	
SAINT LOUIS U. MO	675	402	
ST. JOHN'S C. MD	27	17	
ST. JOSEPH'S C. NY	24	123	WOMEN
SAINT MARY'S C. MN	177	30	MEN
ST. OLAF C. MN	231	227	
SAN DIEGO STATE U. CA	1685	1185	
SAN FRANCISCO STATE U. CA	1307	1153	
SAN JOSE STATE U. CA	1866	1371	
SARAH LAWRENCE C. NY	35	135	WOMEN
SETON HILL C. PA	0	149	WOMEN
SIMMONS C. MA	0	304	WOMEN
SMITH C. MA	0	527	WOMEN
SOUTH DAKOTA SCHOOL OF MINES & TECH.	170	6	
THE U. OF THE SOUTH TN	139	43	MEN
U. OF SOUTHERN CALIFORNIA	1096	596	
SOUTHERN ILLINOIS U.	1568	889	

INSTITUTIONAL BACCALAUREATE DATA, 1956-1976

INSTITUTION	AVERAGE BACHELOR'S DEGREES MEN	WOMEN	COED STATUS 1966
SPELMAN C. GA	0	135	WOMEN
STANFORD U. CA	973	500	
SUNY: C. ENVIRONMENTAL SCIENCE	186	17	
SUNY: U. AT BINGHAMTON	299	236	
SUNY: U. AT BUFFALO	1129	603	
SUNY: U. AT STONY BROOK	517	426	
STEVENS INSTITUTE OF TECHNOLOGY NJ	223	9	MEN
SWARTHMORE C. PA	124	109	
SWEET BRIAR C. VA	0	128	WOMEN
SYRACUSE U. NY	1081	907	
TABOR C. KS	39	32	
TEMPLE U. PA	1091	947	
U. OF TENNESSEE	1405	863	
TEXAS A. & M. U.	1612	199	MEN
TEXAS TECH U.	1275	787	
U. OF TEXAS	2650	1733	
TEXAS WOMAN'S U.	10	597	WOMEN
THOMAS MORE C. KY	104	74	
TRINITY C. DC	1	173	WOMEN
TUFTS U. MA	435	307	
TULANE U. OF LOUISIANA	492	266	
UNION C. & U. NY	371	52	
URSINUS C. PA	125	95	
UTAH STATE U.	805	435	
U. OF UTAH	1210	626	

INSTITUTIONAL BACCALAUREATE DATA, 1956-1976

INSTITUTION	AVERAGE BACHELOR'S DEGREES MEN	WOMEN	COED STATUS 1966
VASSAR C. NY	95	346	WOMEN
VIRGINIA POLYTECHNIC INSTITUTE	1308	237	
U. OF VIRGINIA	826	217	
WABASH C. IN	150	0	MEN
WASHINGTON STATE U.	1030	639	
WASHINGTON U. MO	628	397	
U. OF WASHINGTON	2365	1458	
WAYNE STATE U. MI	1453	1288	
WEBB INSTITUTE OF NAVAL ARCHITECTURE NY	14	0	MEN
WELLESLEY C. MA	0	408	WOMEN
WELLS C. NY	0	108	WOMEN
WESLEYAN U. CT	235	77	MEN
WEST VIRGINIA U.	1005	565	
WESTERN MARYLAND C.	94	94	
WESTMINSTER CHOIR C. NJ	27	34	
WESTMONT C. CA	61	63	
WHEATON C. IL	218	208	
WHITMAN C. WA	101	75	
WIDENER U. PA	266	36	
WILLAMETTE U. OR	121	80	
C. OF WILLIAM & MARY VA	330	322	
WILLIAMS C. MA	279	70	MEN
WILSON C. PA	1	109	WOMEN
U. OF WISCONSIN	2372	1696	
C. OF WOOSTER OH	161	144	

INSTITUTIONAL BACCALAUREATE DATA, 1956-1976

INSTITUTION	AVERAGE BACHELOR'S DEGREES MEN	WOMEN	COED STATUS 1966
WORCESTER POLYTECHNIC INSTITUTE MA	278	17	MEN
YALE U. CT	957	233	MEN
YESHIVA U. NY	187	92	M/W COORD

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INSTITUTION	LIST	COED STATUS 1966
AGNES SCOTT C. GA	W-ALL,HUM RATIO	WOMEN
	W-HUM TOTAL	
U. ALABAMA	W-ALL TOTAL	
ALBERTUS MAGNUS C. CT	W-SCI,EMP,LIF RATIO	WOMEN
ALBION C. MI	M-LIF RATIO	
ALFRED U. NY	M-EMP RATIO	
ALLEGHENY C. PA	W-EMP RATIO	
AMERICAN CONSERVATORY OF MUSIC IL	M-HUM RATIO	
AMHERST C. MA	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
	M-HUM TOTAL	
ANDREWS U. MI	M-LIF RATIO	
ANTIOCH C. OH	W-ALL,HUM,SCI,LIF,SOC RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-SCI,SOC TOTAL	
U. ARIZONA	W-ALL,SOC TOTAL	
	M-LIF TOTAL	
U. ARKANSAS	M-LIF TOTAL	
AUBURN U. AL	M-LIF TOTAL	
AUSTIN C. TX	M-LIF RATIO	
BARD C. NY	W-ALL,HUM,SCI,SOC RATIO	
	M-HUM,LIF,SOC RATIO	

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INSTITUTION	LIST	COED STATUS 1966
BARNARD C. NY	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	W/COORD
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
BATES C. ME	M-ALL,HUM,LIF RATIO	
BAYLOR U. TX	M-HUM TOTAL	
BELOIT C. WI	W-SOC RATIO	
	M-ALL,SCI,LIF,SOC RATIO	
BENNINGTON C. VT	W-ALL,HUM,SCI,SOC RATIO	WOMEN
BEREA C. KY	M-ALL,SCI,LIF RATIO	
BETHEL C. KS	M-ALL,HUM,LIF RATIO	
BIRMINGHAM-SOUTHERN C. AL	W-ALL,HUM,EMP RATIO	
	M-HUM RATIO	
BLACKBURN U. IL	M-LIF RATIO	
BOSTON C. MA	M-HUM TOTAL	
BOSTON U. MA	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-HUM,SOC TOTAL	
BOWDOIN C. ME	M-ALL,HUM,SOC RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
BRANDEIS U. MA	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM,SCI,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,LIF,SOC TOTAL	
BRIDGEWATER C. VA	M-LIF RATIO	
BRIGHAM YOUNG U. UT	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	

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INSTITUTION	LIST	COED STATUS 1966
BROWN U. RI	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	M/W COORD
	M-SCI,EMP,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,SOC TOTAL	
BRYN MAWR C. PA	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	WOMEN
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
BUCKNELL U. PA	W-SCI,EMP,LIF,SOC RATIO	
	W-EMP TOTAL	
CALIFORNIA INSTITUTE OF TECHNOLOGY	M-ALL,SCI,EMP,LIF RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
	M-ALL,SCI,EMP TOTAL	
CALIFORNIA STATE U.-LOS ANGELES	M-SOC TOTAL	
U. CALIFORNIA-BERKELEY	W-SCI,LIF,SOC RATIO	
	M-SCI,EMP,LIF,SOC RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
U. CALIFORNIA-DAVIS	W-LIF RATIO	
	M-LIF RATIO	
	W-SCI,EMP,LIF TOTAL	
	M-SCI,LIF TOTAL	
U. CALIFORNIA-IRVINE	W-SCI,EMP,LIF RATIO	
	M-SCI,LIF RATIO	

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INSTITUTION	LIST	COED STATUS 1966
U. CALIFORNIA-LOS ANGELES	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
U. CALIFORNIA-RIVERSIDE	W-SCI,LIF,SOC RATIO	
	M-ALL,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
U. CALIFORNIA-SAN DIEGO	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
U. CALIFORNIA-SANTA BARBARA	M-HUM,LIF,SOC TOTAL	
U. CALIFORNIA-SANTA CRUZ	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM,SCI,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
CALVIN C. MI	M-HUM RATIO	
CARLETON C. MN	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-HUM,EMP TOTAL	
CARNEGIE-MELLON U. PA	W-ALL,SCI,EMP,SOC RATIO	
	M-ALL,SCI,EMP RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-EMP TOTAL	
	M-ALL,SCI,EMP TOTAL	
CARTHAGE C. WI	M-LIF RATIO	

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INSTITUTION	LIST	COED STATUS 1966
CASE WESTERN RESERVE U. OH	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,SCI,EMP RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,SCI,EMP TOTAL	
CATHOLIC U. OF AMERICA DC	W-ALL,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM RATIO	
	COMBINED-ALL FIELDS RATIO	
CENTRE C. OF KENTUCKY	W-EMP RATIO	
CHAMINADE U. OF HONOLULU	W-LIF RATIO	
C. OF CHARLESTON SC	M-LIF RATIO	
CHATHAM C. PA	W-ALL,SCI,EMP,SOC RATIO	WOMEN
CHESTNUT HILL C. PA	W-EMP RATIO	WOMEN
	W-EMP TOTAL	
U. OF CHICAGO IL	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
U. OF CINCINNATI OH	M-EMP TOTAL	
CUNY:BROOKLYN C. NY	W-SOC RATIO	
	M-ALL,SCI,SOC RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	

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INSTITUTION	LIST	COED STATUS 1966
CUNY:CITY C. NY	W-ALL,SCI,EMP,SOC RATIO	
	M-SCI,EMP,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
CUNY:HUNTER C.	W-ALL,SOC RATIO	
	M-SOC RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
CUNY:QUEENS C. NY	M-SOC RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,SOC TOTAL	
CLAREMONT MCKENNA C CA	M-SOC RATIO	MEN
CLARK U. MA	W-SCI,EMP,SOC RATIO	
	M-SOC RATIO	
CLARKSON C. OF TECHNOLOGY NY	M-EMP RATIO	
CLEVELAND INSTITUTE OF MUSIC OH	M-HUM RATIO	
COE C. IA	W-LIF RATIO	
COLORADO C.	W-EMP,LIF RATIO	
COLORADO SCHOOL OF MINES	M-EMP RATIO	
COLORADO STATE U.	M-LIF RATIO	
	M-SCI,LIF TOTAL	
U. COLORADO	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,SOC TOTAL	

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INSTITUTION	LIST	COED STATUS 1966
COLUMBIA U. NY [ALL DIV. EXCEPT BARNARD]	W-ALL,HUM,SOC RATIO	
	M-ALL,HUM,SCI,EMP,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
CONNECTICUT C.	W-HUM RATIO	WOMEN
	W-HUM TOTAL	
U. CONNECTICUT	W-SCI,LIF TOTAL	
	M-LIF TOTAL	
COOPER UNION NY	W-EMP RATIO	
	M-ALL,SCI,EMP RATIO	
	COMBINED-ALL FIELDS RATIO	
	M-EMP TOTAL	
CORNELL C. IA	M-ALL,LIF RATIO	
CORNELL U. NY	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,SCI,EMP,LIF RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
CURTIS INSTITUTE OF MUSIC PA	M-HUM RATIO	
U. OF DALLAS TX	W-HUM RATIO	
	M-HUM,SCI,LIF,SOC RATIO	
DARTMOUTH C. NH	M-HUM M-SOC RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
	M-ALL,HUM,SCI,EMP,SOC TOTAL	

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INSTITUTION	LIST	COED STATUS 1966
DAVIDSON C. NC	M-ALL,HUM RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
	M-HUM TOTAL	
DELAWARE VALLEY C. OF SCIENCE & AG. PA	M-LIF RATIO	MEN
DENISON U. OH	W-SOC RATIO	
	M-SOC RATIO	
DEPAUW U. IN	M-ALL,SOC RATIO	
DICKINSON C. PA	W-EMP RATIO	
DREW U. NJ	W-LIF RATIO	
	M-SCI,LIF,SOC RATIO	
DREXEL U. PA	W-EMP RATIO	
	M-EMP RATIO	
	M-EMP TOTAL	
DUKE U. NC	W-ALL,HUM,SCI,LIF,SOC RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-HUM TOTAL	
EARLHAM C. IN	W-SCI,LIF RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
ECKERD C. FL	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
EMORY U. GA	W-SOC RATIO	
FISK U. TN	W-ALL RATIO	

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INSTITUTION	LIST	COED STATUS 1966
FLORIDA STATE U.	W-ALL,HUM,SCI,SOC TOTAL	
	M-ALL,SOC TOTAL	
U. OF FLORIDA	W-ALL,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,SCI,EMP,LIF,SOC TOTAL	
FORDHAM U. NY	M-HUM,SOC TOTAL	
FRANKLIN & MARSHALL C. PA	M-EMP,SOC RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
GEORGE WASHINGTON U. DC	W-SOC RATIO	
	W-SCI,EMP,SOC TOTAL	
GEORGETOWN U. DC	M-HUM TOTAL	
GEORGIA INSTITUTE OF TECHNOLOGY	W-SCI,EMP,LIF RATIO	
	M-EMP RATIO	
	M-SCI,EMP TOTAL	
U. OF GEORGIA	M-LIF TOTAL	
GOSHEN C. IN	M-ALL,LIF RATIO	
GOUCHER C. MD	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	WOMEN
	W-HUM TOTAL	
GREENSBORO C. NC	M-SOC RATIO	
GRINNELL C. IA	W-ALL,HUM,SCI,LIF,SOC RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
GUSTAVUS ADOLPHUS C. MN	M-LIF RATIO	
HAMILTON C. NY	M-ALL,HUM,SOC RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
HANOVER C. IN	M-SOC RATIO	

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INSTITUTION	LIST	COED STATUS 1966
HARVARD-RADCLIFFE MA	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	M/W COORD
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
HARVEY MUDD C. CA	W-ALL,SCI,EMP RATIO	
	M-ALL,SCI,EMP,LIF RATIO	
	COMBINED-ALL RATIO	
HAVERFORD C. PA	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
HEBREW C. MA	W-ALL RATIO	
	M-ALL,HUM RATIO	
	COMBINED-ALL FIELDS RATIO	
HENDRIX C. AR	M-HUM RATIO	
HIRAM C. OH	M-LIF RATIO	
HOBART & WM SMITH C. NY	W-HUM,LIF RATIO	M/W COORD
C. OF THE HOLY CROSS MA	M-HUM TOTAL	MEN
HOPE C. MI	M-ALL,LIF RATIO	
HOUGHTON C. NY	M-HUM RATIO	
U. OF IDAHO	M-LIF TOTAL	
ILLINOIS BENEDICTINE C.	W-EMP RATIO	MEN
	M-EMP RATIO	
ILLINOIS INSTITUTE OF TECHNOLOGY	W-ALL,SCI,EMP,LIF RATIO	
	M-EMP RATIO	
	M-EMP TOTAL	

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INSTITUTION	LIST	COED STATUS 1966
U. OF ILLINOIS	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
INDIANA U.	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,LIF,SOC TOTAL	
IOWA STATE U. OF SCIENCE & TECHNOLOGY	M-LIF RATIO	
	W-LIF TOTAL	
	M-ALL,SCI,EMP,LIF,SOC TOTAL	
U. OF IOWA	W-ALL,HUM,SOC TOTAL	
	M-ALL,HUM,SOC TOTAL	
JOHNS HOPKINS U. MD	W-LIF RATIO	MEN
	M-SCI,EMP,LIF RATIO	
	COMBINED-ALL FIELDS RATIO	
	M-ALL,HUM,SCI,EMP,LIF TOTAL	
JUILLIARD SCHOOL NY	W-ALL,HUM RATIO	
	M-HUM RATIO	
	COMBINED-ALL FIELDS RATIO	
JUNIATA C. PA	W-LIF RATIO	
	M-LIF RATIO	
KALAMAZOO C. MI	W-SCI,EMP,LIF RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
KANSAS STATE U.	M-LIF RATIO	
	M-SCI,LIF TOTAL	
U. OF KANSAS	W-ALL,HUM,SCI,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	

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INSTITUTION	LIST	COED STATUS 1966
U. OF KENTUCKY	M-LIF TOTAL	
KENYON C. OH	M-HUM RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
KING C. TN	W-EMP RATIO	
	M-SCI,EMP RATIO	
KNOX C. IL	W-HUM,EMP RATIO	
	M-ALL,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
LAKE FOREST C. IL	W-SOC RATIO	
LAWRENCE U. WI	W-ALL,HUM RATIO	
	M-ALL,HUM,SCI,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
LEHIGH U. PA	M-EMP RATIO	MEN
	M-SCI,EMP TOTAL	
LOUISIANA STATE U. & A & M	W-ALL,HUM,EMP,LIF TOTAL	
	M-ALL,SCI,EMP,LIF TOTAL	
LOYOLA U. IL	M-HUM TOTAL	
MACALESTER C. MN	W-SOC RATIO	
	M-SOC RATIO	
MACMURRAY C. IL	LEADING WOMEN'S COLLEGES	M/W COORD
U. OF MAINE	M-LIF TOTAL	
MANHATTAN C. NY	M-EMP TOTAL	MEN
MANHATTANVILLE C. NY	W-HUM RATIO	WOMEN
	W-HUM TOTAL	
MANNES C. OF MUSIC NY	M-HUM RATIO	

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INSTITUTION	LIST	COED STATUS 1966
MARIETTA C. OH	W-LIF RATIO	
U. OF MARYLAND	W-ALL,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
MARYVILLE C. TN	W-HUM RATIO	
MASSACHUSETTS C. OF PHARMACY	M-LIF RATIO	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	W-ALL,SCI,EMP,LIF,SOC RATIO	
	M-ALL,SCI,EMP RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-SCI,EMP TOTAL	
	M-ALL,SCI,EMP,LIF,SOC TOTAL	
U. OF MASSACHUSETTS	W-SCI,EMP,LIF TOTAL	
	M-LIF TOTAL	
MIAMI U. OH	W-ALL,EMP,SOC TOTAL	
	M-SOC TOTAL	
MICHIGAN STATE U.	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
MICHIGAN TECHNOLOGICAL U.	W-EMP RATIO	
U. OF MICHIGAN	W-SOC RATIO	
	M-EMP RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
MIDDLEBURY C. VT	W-ALL,HUM,EMP RATIO	
	M-HUM RATIO	
MILLS C. CA	W-HUM RATIO	WOMEN

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INSTITUTION	LIST	COED STATUS 1966
MILLSAPS C. MS	M-ALL,HUM,SCI,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
MINNESOTA U. OF MINNESOTA	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
MISSISSIPPI STATE U.	M-LIF TOTAL	
U. OF MISSOURI	W-ALL,HUM TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
MISSOURI U. OF MISSOURI-ROLLA	W-EMP RATIO	
	M-EMP TOTAL	
MOREHOUSE C. GA	COMBINED-ALL FIELDS RATIO	MEN
MOUNT HOLYOKE C. MA	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	WOMEN
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
MUHLENBERG C. PA	W-EMP,LIF RATIO	
	M-LIF RATIO	
U. OF NEBRASKA	M-ALL,SCI,LIF TOTAL	
NEW C. OF THE U. OF SOUTH FLORIDA	W-ALL,SCI,SOC RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
NEW ENGLAND CONSERVATORY OF MUSIC MA	M-HUM RATIO	
NEW MEXICO INSTITUTE OF MINING & TECH.	W-ALL,SCI,LIF RATIO	
	M-SCI,EMP RATIO	
	COMBINED-ALL FIELDS RATIO	
C. OF NEW ROCHELLE NY	W-HUM RATIO	WOMEN
	W-HUM TOTAL	

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INSTITUTION	LIST	COED STATUS 1966
NEW SCHOOL FOR SOCIAL RESEARCH NY	W-ALL,HUM,SCI,SOC RATIO	
	M-HUM,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
NEW YORK U.	W-ALL,SOC RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
U. NORTH CAROLINA	W-ALL,HUM,SCI,SOC TOTAL	
	M-ALL,HUM,SOC TOTAL	
U. NORTH CAROLINA-ASHEVILLE	M-SOC RATIO	
U. NORTH CAROLINA-GREENSBORO	W-HUM TOTAL	
NORTH CAROLINA STATE U.	M-SCI,EMP,LIF TOTAL	
NORTH CENTRAL C. IL	M-LIF RATIO	
NORTHWESTERN U. IL	W-ALL,HUM,SOC RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,SOC TOTAL	
NOTRE DAME C. OH	W-SCI,EMP,LIF RATIO	WOMEN
	W-EMP TOTAL	
U. OF NOTRE DAME IN	M-ALL,HUM,SCI,EMP,SOC TOTAL	MEN
OBERLIN C. OH	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SOC TOTAL	

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INSTITUTION	LIST	COED STATUS 1966
OCCIDENTAL C. CA	W-SCI,LIF,SOC RATIO	
	M-ALL,SCI,EMP,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
OHIO DOMINICAN C.	W-LIF RATIO	
OHIO STATE U.	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
OKLAHOMA STATE U.	M-LIF RATIO	
	M-ALL,SCI,EMP,LIF TOTAL	
U. OF OKLAHOMA	W-ALL,LIF TOTAL	
	M-ALL,HUM,SCI,EMP,SOC TOTAL	
OREGON STATE U.	M-SCI,EMP,LIF TOTAL	
U. OF OREGON	M-SOC TOTAL	
PARK C. MO	W-ALL RATIO	
PEABODY INSTITUTE MD	W-HUM RATIO	
	M-HUM RATIO	
PENNSYLVANIA STATE U.	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
U. OF PENNSYLVANIA	W-ALL,HUM,SCI,SOC RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,SOC TOTAL	
PHILADELPHIA C. OF PHARMACY & SCIENCE PA	W-SCI,LIF,EMP RATIO	
	M-SCI,LIF RATIO	
U. OF PITTSBURGH PA	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,SCI,LIF,SOC TOTAL	
PITZER C. CA	W-SCI,SOC RATIO	WOMEN

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INSTITUTION	LIST	COED STATUS 1966
POLYTECHNIC INSTITUTE OF NEW YORK	W-ALL,SCI,EMP RATIO	
	M-SCI,EMP RATIO	
	COMBINED-ALL FIELDS RATIO	
	M-EMP TOTAL	
POMONA C. CA	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-HUM,SCI,LIF TOTAL	
PRINCETON U. NJ	M-ALL,HUM,SCI,EMP,SOC RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
	M-ALL,HUM,SCI,EMP,SOC TOTAL	
PURDUE U. IN	W-ALL,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,SCI,EMP,LIF,SOC TOTAL	
RANDOLPH-MACON WOMAN'S C. VA	W-ALL,HUM,EMP,LIF RATIO	WOMEN
U. OF REDLANDS CA	M-SOC RATIO	
REED C. OR	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-EMP TOTAL	
REGIS C. CO	W-HUM RATIO	
RENSSELAER POLYTECHNIC INSTITUTE NY	W-ALL,SCI,EMP,LIF RATIO	
	M-ALL,SCI,EMP RATIO	
	COMBINED-ALL FIELDS RATIO	
	M-ALL,SCI,EMP TOTAL	
RHODES C. TN	M-ALL,HUM,SCI,SOC RATIO	

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INSTITUTION	LIST	COED STATUS 1966
RICE U. TX	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,SCI,EMP RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-HUM,EMP,LIF TOTAL	
	M-SCI,EMP TOTAL	
U. OF ROCHESTER NY	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM,SCI,EMP RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP TOTAL	
ROCKFORD C. IL	M-LIF,SOC RATIO	
ROSARY C. IL	W-HUM RATIO	WOMEN
ROSE-HULMAN INSTITUTE OF TECHNOLOGY IN	M-EMP RATIO	MEN
RUTGERS U. NJ [ALL CAMPUSES]	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
SAINT LOUIS U. MO	W-EMP TOTAL	
	M-HUM TOTAL	
ST. JOHN'S C. MD	W-ALL,HUM,SCI,EMP,SOC RATIO	
	M-ALL,HUM,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
ST. JOSEPH'S C. NY	W-HUM RATIO	WOMEN
SAINT MARY'S C. MN	COMBINED-ALL FIELDS RATIO	MEN
ST. OLAF C. MN	M-ALL,HUM RATIO	
SAN DIEGO STATE U. CA	W-SOC TOTAL	
	M-SOC TOTAL	

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INSTITUTION	LIST	COED STATUS 1966
SAN FRANCISCO STATE U. CA	M-SOC TOTAL	
SAN JOSE STATE U. CA	M-SOC TOTAL	
SARAH LAWRENCE C. NY	W-ALL,HUM,SCI,SOC RATIO	WOMEN
	W-HUM TOTAL	
SETON HILL C. PA	W-LIF RATIO	WOMEN
SIMMONS C. MA	W-LIF RATIO	WOMEN
	W-LIF TOTAL	
SMITH C. MA	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	WOMEN
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
SOUTH DAKOTA SCHOOL OF MINES & TECH.	M-EMP RATIO	
THE U. OF THE SOUTH TN	M-HUM RATIO	MEN
U. OF SOUTHERN CALIFORNIA	W-SOC TOTAL	
	M-SOC TOTAL	
SOUTHERN ILLINOIS U.	M-ALL,LIF,SOC TOTAL	
SPELMAN C. GA	LEADING WOMEN'S COLLEGES	WOMEN
STANFORD U. CA	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM,SCI,EMP,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
SUNY: C. ENVIRONMENTAL SCIENCE	M-LIF RATIO	
SUNY: U. AT BINGHAMTON	W-EMP,SOC RATIO	
	M-SOC RATIO	
	W-EMP TOTAL	

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INSTITUTION	LIST	COED STATUS 1966
SUNY: U. AT BUFFALO	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,SOC TOTAL	
SUNY: U. AT STONY BROOK	W-SCI,EMP,LIF,SOC RATIO	
	M-SCI,EMP,LIF,SOC RATIO	
	W-SOC TOTAL	
STEVENS INSTITUTE OF TECHNOLOGY NJ	M-SCI,EMP RATIO	MEN
SWARTHMORE C. PA	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-HUM TOTAL	
SWEET BRIAR C. VA	W-HUM RATIO	WOMEN
SYRACUSE U. NY	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-SOC TOTAL	
TABOR C. KS	M-HUM,LIF RATIO	
TEMPLE U. PA	W-ALL,SCI,EMP,SOC TOTAL	
	M-ALL,HUM,SOC TOTAL	
U. OF TENNESSEE	M-LIF TOTAL	
TEXAS A. & M. U.	W-LIF RATIO	MEN
	M-ALL,SCI,EMP,LIF TOTAL	
TEXAS TECH U.	M-LIF TOTAL	
U. OF TEXAS	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
TEXAS WOMAN'S U.	W-LIF TOTAL	WOMEN
THOMAS MORE C. KY	M-EMP RATIO	

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INSTITUTION	LIST	COED STATUS 1966
TRINITY C. DC	W-HUM,LIF RATIO	WOMEN
TUFTS U. MA	W-ALL,SCI,LIF,SOC RATIO	
	W-SCI,LIFE TOTAL	
TULANE U. OF LOUISIANA	W-ALL,HUM,SOC RATIO	
	W-HUM TOTAL	
UNION C. & U. NY	M-EMP RATIO	
URSINUS C. PA	W-EMP RATIO	
UTAH STATE U.	M-LIF RATIO	
	M-ALL,LIF TOTAL	
U. OF UTAH	W-ALL TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
VASSAR C. NY	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
VIRGINIA POLYTECHNIC INSTITUTE	M-EMP,LIF TOTAL	
U. OF VIRGINIA	M-HUM TOTAL	
WABASH C. IN	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
WASHINGTON STATE U.	M-LIF TOTAL	
WASHINGTON U. MO	W-SOC RATIO	
	W-ALL,SCI,EMP,LIF,SOC TOTAL	
U. OF WASHINGTON	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
WAYNE STATE U. MI	W-ALL,HUM,SCI,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,SOC TOTAL	

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INSTITUTION	LIST	COED STATUS 1966
WEBB INSTITUTE OF NAVAL ARCHITECTURE NY	M-ALL,SCI,EMP RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
WELLESLEY C. MA	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	WOMEN
	COMBINED-ALL FIELDS RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
WELLS C. NY	W-HUM RATIO	WOMEN
WESLEYAN U. CT	M-ALL,HUM,SCI,SOC RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
	M-HUM TOTAL	
WEST VIRGINIA U.	M-LIF TOTAL	
WESTERN MARYLAND C.	W-LIF RATIO	
	M-LIF RATIO	
WESTMINSTER CHOIR C. NJ	M-HUM RATIO	
WESTMONT C. CA	M-SOC RATIO	
WHEATON C. IL	M-ALL,HUM,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	M-HUM TOTAL	
WHITMAN C. WA	W-EMP RATIO	
	M-ALL,SCI,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
WIDENER U. PA	W-LIF RATIO	
WILLAMETTE U. OR	W-HUM RATIO	
	M-SOC RATIO	
C. OF WILLIAM & MARY VA	W-EMP TOTAL	

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INSTITUTION	LIST	COED STATUS 1966
WILLIAMS C. MA	M-ALL,HUM,SOC RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
	M-HUM TOTAL	
WILSON C. PA	W-ALL,HUM,EMP,LIF RATIO	WOMEN
U. OF WISCONSIN	M-LIF RATIO	
	W-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
C. OF WOOSTER OH	W-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC RATIO	
	COMBINED-ALL FIELDS RATIO	
	W-EMP TOTAL	
WORCESTER POLYTECHNIC INSTITUTE MA	M-EMP RATIO	MEN
YALE U. CT	M-ALL,HUM,SCI,SOC RATIO	MEN
	COMBINED-ALL FIELDS RATIO	
	M-ALL,HUM,SCI,EMP,LIF,SOC TOTAL	
YESHIVA U. NY	W-LIF RATIO	M/W COORD
	M-ALL,HUM,SCI,EMP,SOC RATIO	